# SNK series, terminal blocks

## PI-Spring, screw clamp and pluggable technologies


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TE Connectivity proposes one of the largest Din Rail Terminal block offering on the market with various technologies: screw, PI-Spring, spring, IDC, pluggable, stud, etc. found in over 8000 products & solutions.



| | SNK terminal blocks | | Dedicated applications terminal blocks | | Terminal blocks for railway applications |
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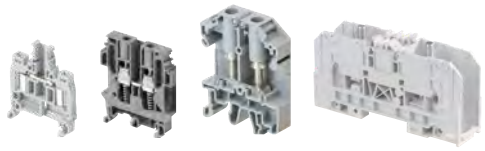
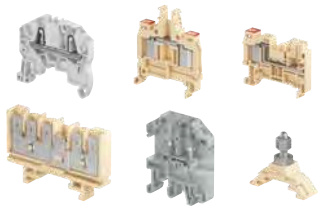
| | | |  | |  |
| Scope | Qualified for worldwide applications and severe environments (such as hazardous locations, railways, marine and solar applications..).<br>From 0.2 to 300 mm². | | Specific terminal blocks and technologies for dedicated applications and markets. | | The largest offering on the market for rolling stock and infrastructures. |
| Product families & functions | SNK PI-Spring technology<br>2.5 to 16 mm²<br>12 to 4 AWG | Feed-through<br>Multi-deck<br>Ground<br>Disconnect<br>for fuses<br>Component holder | ADO System® (IDC)<br>0.22 to 4 mm²<br>24 to 12 AWG | ADO-ADO or ADO-screw clamp<br>Feed-through / Multi-deck / Ground / Disconnect / for fuses / Component holder | SNK PI-Spring technology<br>2.5 to 16 mm²<br>12 to 4 AWG |
| | | | Safety (spring loaded)<br>0.22 to 10 mm²<br>24 to 6 AWG | Feed-through<br>Disconnect<br>Test & measurement | SNK pluggable screw & PI-Spring technologies<br>2.5 to 4 mm²<br>12 to 10 AWG |
| | SNK screw clamp technology<br>4 to 240 mm²<br>12 to 500 Kcmil | Feed-through<br>Multi-deck<br>Ground<br>Disconnect<br>for fuses<br>Test & measurement<br>Marshalling<br>Component holder | Stud<br>25 to 300 mm²<br>4 AWG to 1000 Kcmil | One stud<br>2 studs<br>One stud - One screw clamp | ADO System® (IDC)<br>1.5 to 4 mm²<br>16 to 12 AWG |
| | | | Ring lug<br>6 to 16 mm²<br>8 to 6 AWG | Feed-through<br>Test & measurement | Stud<br>4 to 185 mm² |
| | SNK pluggable screw & PI-Spring technologies<br>2.5 to 4 mm²<br>12 to 10 AWG | Feed-through<br>Multi-deck<br>Ground | Miniblocks<br>1.5 to 6 mm²<br>18 to 8 AWG | Screw clamp<br>Spring<br>ADO System® (IDC) | Quick-connect<br>2.5 to 6 mm² |
| | | | Other types<br>Test & measurement: with sliding link, blade, plug<br>Pluggable: feed-through, double deck, disconnect<br>Sensors/actuators: screw, spring, ADO system (IDC)<br>Installation: screw, spring<br>Protection: ground + neutral<br>Component holders: screw, spring, ADO system (IDC) | | |

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| | DBL power distribution blocks | ESSAILEC® test blocks | Interfast PLC pre-wiring system | Marking solutions |
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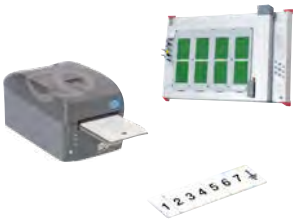
| | | | |  |
| | The preferred choice for primary power distribution and solar applications. | Test blocks for safe and easy testing on secondary circuits of current and voltage transformers and sensors. | PLC pre-wiring system for fast, flexible, reliable connection of PLC's in process automation applications. | Markers & marking systems for all identification requirements in electrical panels. |
| | From 80 A up to 550 A (IEC)<br><br>Modular blocks: single pole, three & four poles, up to 12 outputs<br><br>Terminal blocks types:<br>2 to 10 poles, up to 20 outputs | Current and voltage sockets & plugs<br><br>Simultaneous testing of 1 to 4 independent circuits on the same socket<br><br>Several testing principle such as "make before break" for safe current transformer testing<br><br>Panel and switchboard mounting : base, flush, rack, TH35 rail<br><br>Multicircuits sockets & plugs | Interfast PCB:<br>Compact & standard modules<br><br>Interfast MS:<br>Modular system based on terminal block technology<br><br>Functions:<br>– 1 to 4 wire connections (sensors)<br>– Disconnect<br>– Fuse<br>– Signal indication<br>– Relays<br>– Optocouplers<br>– Solenoid valve control<br>– Galvanic isolation (2.5 kV). | Terminal block identification and group markers<br><br>Wire and cable identification<br><br>Component and equipment identification<br><br>Panel identification<br><br>Pre-printed markers for terminal blocks |

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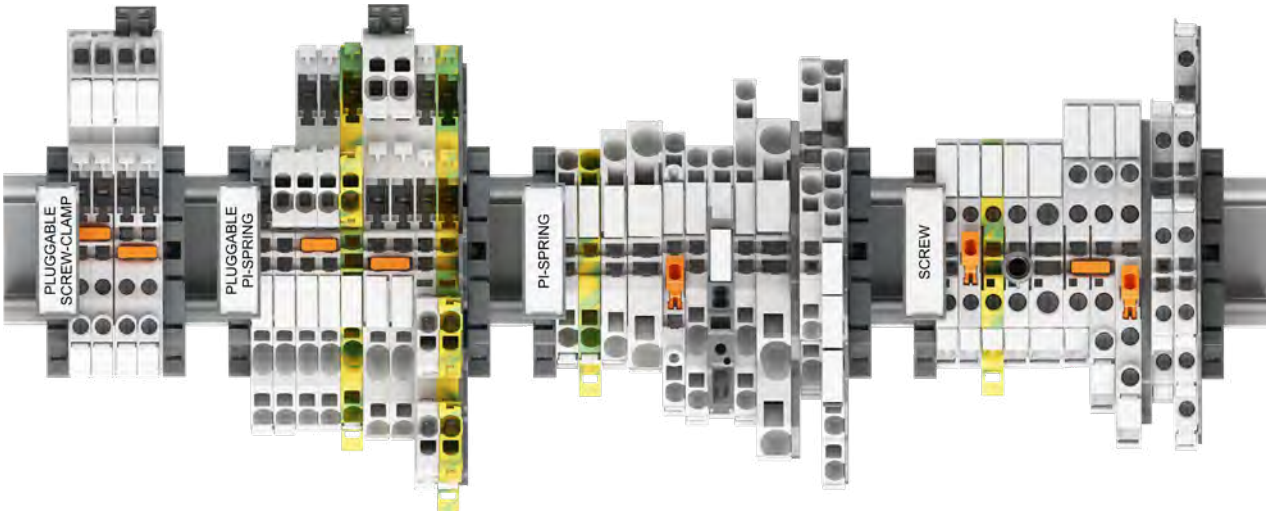


The innovative range available in PI-Spring (Push-In and Spring), screw clamp and pluggable technologies with common accessories.
Qualified for worldwide applications and severe environments such as hazardous locations, railways, marine and solar applications...

## Speed up your projects

**Smart connections, higher productivity**
Up to 90% mounting time reduction with our PI-Spring, screw clamp and pluggable technologies.
**Simplified selection and design**
Intuitive codification, simplified catalogs, large technical data base.
**Better project identification**
20% larger marking area.
Pre-mark by hand or label before final marker installation.

## Easy to install

**Secured installation**
Asymmetrical design avoid mounting and wiring errors.
Zero-retightening with our technologies.
**Faster accessories mounting**
Benefit from screwless ground connection, jumpers, end stops.
**Smart design facilitating assembly process**
Mounting, wiring, testing… made easy.

## Optimized logistics

**50% less accessories needed**
End sections, circuit separators fit several blocks.
**Common accessories**
PI-Spring, screw and pluggable ranges share the same accessories.
**Simplified inventory management**
Significant reduction of part numbers to manage.

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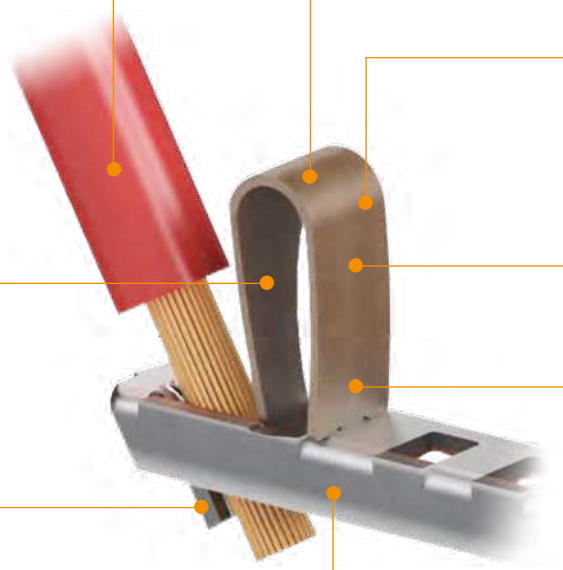
## PI-Spring technology
Two technologies in one connection

The patented design of TE Connectivity's PI-Spring can be used as a Push-in or traditional spring connection: Push-in and spring. The Push-in mode allows a direct one-step insertion of solid and flexible stranded wires with a ferrule, 50% faster than standard screw clamp technology.

Using the spring mode, very little effort is required to open the spring clamp with a screwdriver and insert the wire, which does not need a ferrule. The screwdriver locks in the terminal block after insertion, freeing up hands to manipulate wires or circuit drawings.



## Features



All certification testing performed with non prepared wires, ensuring perfect connections with or without ferrules

Connection elasticity and design strictly controlled to ensure an easy and safe insertion of both conductor and screwdriver

The PI-Spring technology has successfully passed aging tests (30 days temperature rise test and 14 days heat cycling test) guaranteeing the perfect long-term contact quality of our screwless technology

Flat surface of the PI-Spring makes wire and screwdriver insertion smoother and easier

Excellent pulling strength exceeding IEC standard requirements

Dimensions, coating and shape of the linking bar designed to get the lowest and most stable electrical contact value

Stainless steel PI-Spring for high corrosion resistance up to 1,000 hours salt mist resistance

Very good electrical contact even in applications where vibration and shock are an issue, such as railway

## From 0.2 mm² up to 16 mm²
From 26 AWG up to 4 AWG

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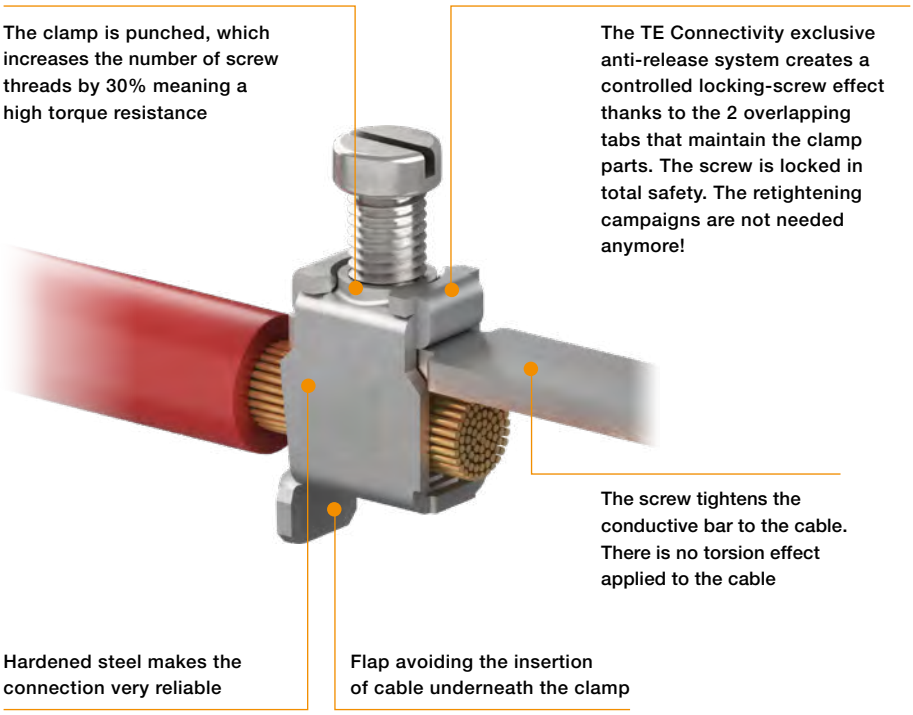
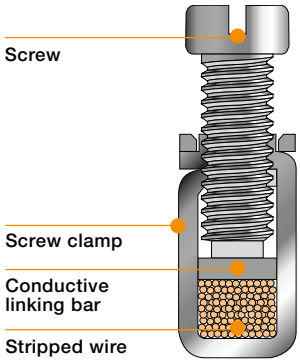
**Unique design, flies over time thanks to its reliability and safety**
The TE Connectivity screw clamp technology is designed to avoids accidental releases due to vibrations, shocks or even abusive cable draw.

**High density capacity**
The screw clamp technology can fit up to two conductors per clamp which offers extended possibilities in electrical cabinets.



## Features




## From 0.2 mm² up to 240 mm²

From 24 AWG up to 500 Kcmil

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# Pluggable technology

The pluggable technology allows "plug and play" connection. It enables productivity savings, wiring optimization thanks to serialized pre-wired plugs harnesses, as well as secured final commissioning.

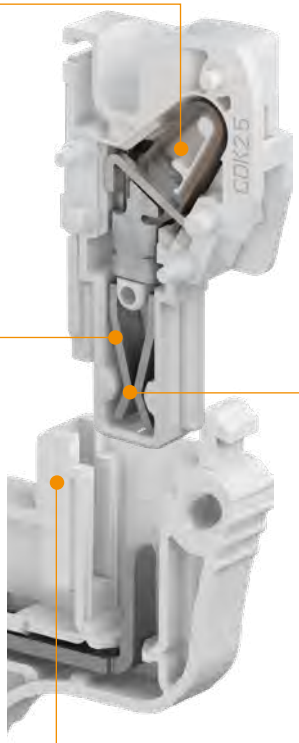
1

## Features

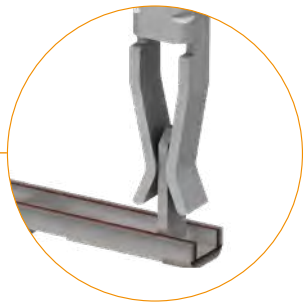
The TE Connectivity plug is the most compact on the market thanks to the punched U-shaped linking bar allowing direct conductor contact.
TE Connectivity Patented design!

The lyres are made of copper alloy in order to offer maximized mechanical elasticity resistance
(superior to 50 matings/unmatings)

The TE Connectivity pluggable terminal blocks have successfully performed the marine environmental tests and meet the most severe rolling stock requirements in 3 axis vibrations and shock resistance (for PI-Spring pluggable terminal blocks versions)



The chamfer shape guarantees auto-centering and mechanical integrity of the plug when inserted into the pluggable terminal block



## From 0.2 mm² up to 4 mm²

From 26 AWG up to 10 AWG

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## Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion…

### Industry and Commercial

SNK series, terminal blocks can be used worldwide in all types of industrial and commercial applications. All our products have CB, UL and CSA third party certificates delivered by independent laboratories. SNK series products are developed and qualified in accordance with the following international standards:
IEC 60947-1, IEC 60947-7-1, IEC 60947-7-2, IEC 60947-7-3, UL 1059, CSA C22.2 n°158-10.

RoHS

### Solar

Thanks to their high voltage rating (up to 1500 VDC per IEC 60947-7-1 and 1000 VDC per UL 1059), SNK terminal blocks are ideally suited for use in solar equipment.

### Waste and Water

SNK terminal blocks are well adapted to harsh environment conditions such as waste and water applications.
They have successfully passed the salt mist test in accordance with IEC 60068-2-11 (PI-Spring withstand up to >1000 h).
SNK terminal blocks are also compliant with flowing mixed gas corrosion test per IEC 60068-2-60 (test duration: 21 days).

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## Railways

All SNK series products are suited to track-side fixed equipment.
For the more demanding environment of rolling stock applications, PI-Spring has been successfully tested in accordance with IEC 61373 requirements to resist high vibration and shock conditions (multi-axial waves, acceleration…).
The plastic material used is compliant with the flammability, smoke toxicity and opacity severe requirements of the traction segment and can be classified I2F2 per NF F 16-101 and NF F 16-102 standards; HL3 R22 per EN 45 545 standard and V0 per UL94 standard.
It complies with NFPA 130 per ASTM E 162 and ASTM E 662 standards tests and with FR238.103 and BSS 7239 standards.

## Hazardous locations

SNK series is certified IEC Ex in accordance with IEC 60079-0 and IEC 60079-7 (increased safety "Exe") world international standards for products used in explosive atmospheres.
In order to serve specific local market requirements, some SNK products have additional local certifications such as: ATEX, UL hazardous Locations…
SNK products have successfully passed toughest tests like the thermal endurance test: 2 weeks in hot environment at 95 °C (+90% RH) followed by 2 weeks at 125 °C and one day cold environment test (-65 °C). This proves the high mechanical performances of the SNK products.

hazloc

## Marine

SNK products have proven their performance by successfully passing tests required for the most extreme conditions. (eg: salt mist, damp or dry heat and cold environments) per IEC 60068 standards.
In order to serve the worldwide marine markets requirements, SNK products have the following Marine certifications:
BV Marine, DNV, RINA, RMRS.

DNV

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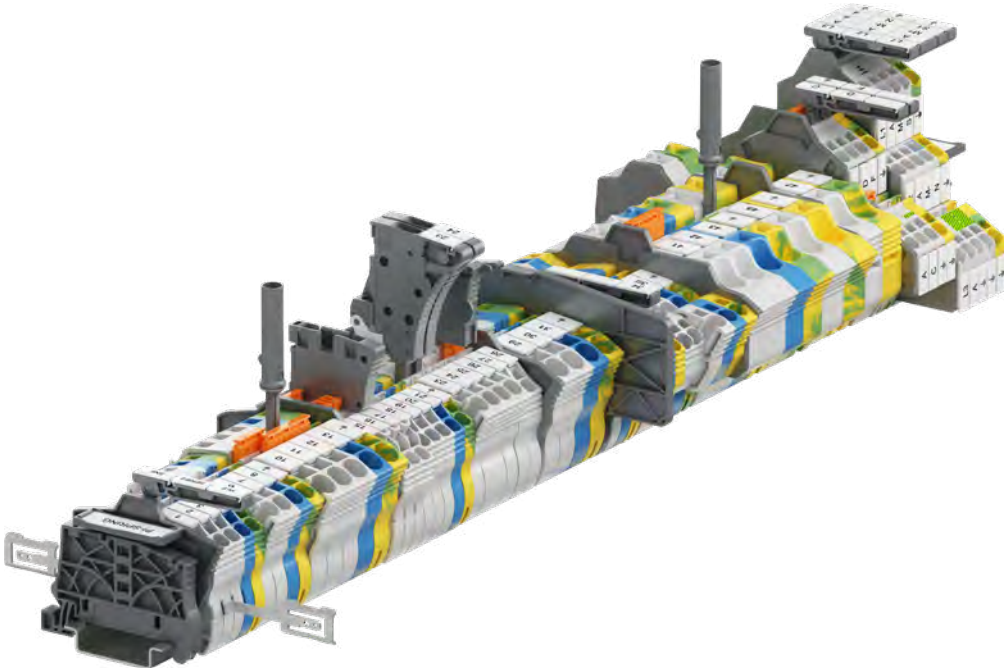
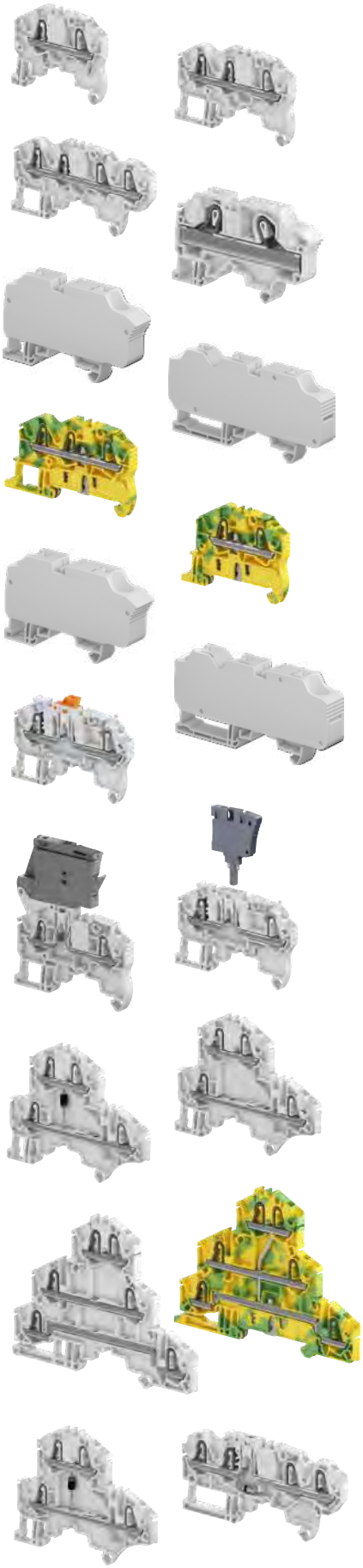


# SNK series, terminal blocks
## PI-Spring technology




| | | | |
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| | **ZK2.5-3P** | with 3 connections | 22 |
| | **ZK2.5-4P** | with 4 connections | 23 |
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| | **ZK4-3P** | with 3 connections | 25 |
| | **ZK4-4P** | with 4 connections | 26 |
| 6 mm² / 8 AWG | **ZK6** | | 27 |
| | **ZK6-3P** | with 3 connections | 28 |
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| | **ZK10-PV** | | 30 |
| | **ZK10-3P** | with 3 connections | 31 |
| | **ZK10-3P-PV** | with 3 connections | 32 |
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| | **ZK16-PV** | | 34 |
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| **Ground** | | | |
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| | **ZK2.5-PE-3P** | with 3 connections | 38 |
| | **ZP2.5-PE-4P** | with 4 connections | 39 |
| 4 mm² / 10 AWG | **ZK4-PE** | | 40 |
| | **ZK4-PE-3P** | with 3 connections | 41 |
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| 6 mm² / 8 AWG | **ZK6-PE** | | 43 |
| | **ZK6-PE-3P** | with 3 connections | 44 |
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| | **ZK10-PE-3P** | with 3 connections | 46 |
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| 2.5 mm² / 12 AWG | **ZK2.5-D2** | 2 feed-through circuits | 56 |
| | **ZK2.5-D1** | 1 feed-through circuit | 57 |
| | **ZK2.5-D2-PE** | 1 feed-through circuit and 1 ground circuit | 58 |
| | **ZK2.5-D1-PE** | 1 ground circuit | 59 |
| **Triple deck** | | | |
| 2.5 mm² / 12 AWG | **ZK2.5-T3** | 3 feed-through circuits | 60 |
| | **ZK2.5-T1** | 1 feed-through circuit | 61 |
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| | **ZK2.5-L-N-PE** | 2 feed-through circuits and 1 ground circuit | 63 |
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The patented PI-Spring technology provides the benefits of both Push-In and Spring technologies in one connection

## Speed up your projects

### 50% faster connection time with Push-in mode

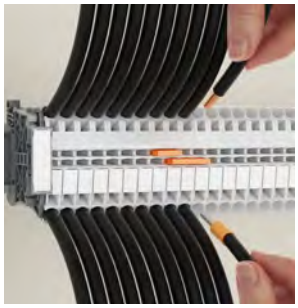
Our Push-in connection technology allows:
A direct one step insertion with rigid and prepared flexible conductors.
Easy and quick insertion of the prepared flexible conductor or rigid conductor.

### Reduced effort and conductor preparation time with spring mode

- Our connection requires minimal effort to insert wires with the screwdriver
- Flexible conductors preparation is not necessary.
- The screwdriver locks onto terminal freeing up hands.

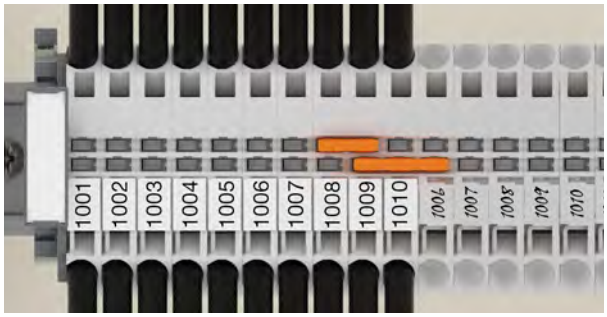
### Better project identification

- Circuit identification is improved thanks to the 20% larger marking area
- Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting
- Spare markers re-printing in case of modifications.



Push-in mode

Spring mode




Clear circuit identification

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## Easy to install

### Smart design facilitating assembly process

Mounting, wiring, testing… made easy

Avoid mounting and wiring errors: asymmetrical design allows immediate visual check in case of reversed terminal blocks.

Asymmetrical design avoids mounting error



### Faster accessories mounting

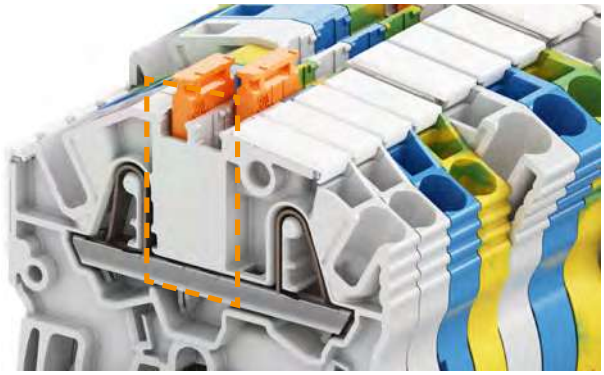
Save up to 70% mounting time thanks to :

- screwless jumpers, component plugs, test devices, end stops and snap-in ground terminal blocks.

Screwless accessories

Snap-in ground terminal blocks

Closed jumper location allows great stiffness of the terminal block, avoid deflection while tightening and optimal jumper guiding.



Closed jumper location for stiffness.

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## Easy to install

### Smart accessories

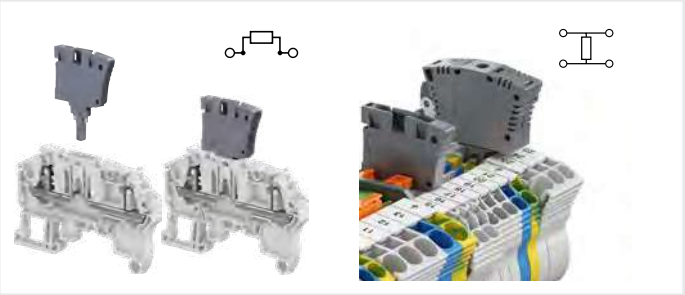
Flexible test solutions from individual insulated test adapter to test connectors for complete assemblies testing.

- Direct plug-in into jumpers channels
- 5, 6, 8 mm spacing, mixing various spacing is possible
- 1000 V rating.

Plug-in individual test adapter. Plug-in test connector.



Component holder plugs for series or parallel component mounting (resistors, filters, diodes...).
Can be installed after wiring.
Series plug offers screwless component connection (no soldering).



Series plug associated with disconnect blocks. Parallel plug to be installed between 2 blocks.

### Smart plug-in jumpers:

Pre-cut poles removable by hand: clean cut.
Insulated up to 1000 V (avoid use of separators).
Predefined shapes in molding to easily identify connected poles with a pen.

Pre-cut poles easy removable by hand. Predefined shape to identify connected poles.

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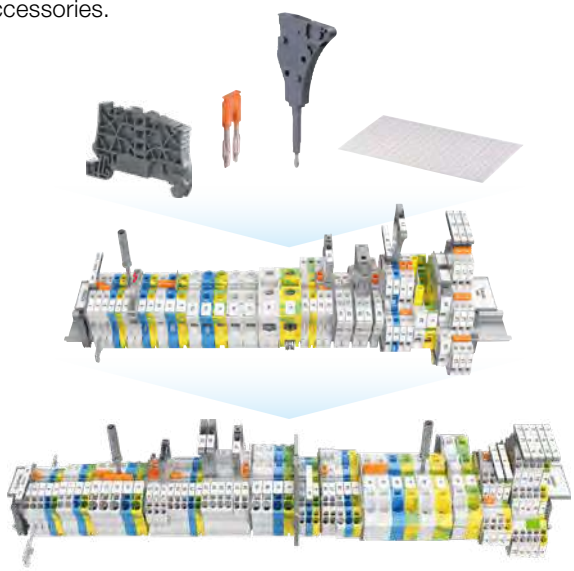
## Optimized logistics

### Reduce your accessories inventory by up to 50%

SNK PI-Spring, screw and pluggable ranges share the same accessories.



Shared accessories for SNK PI-Spring, screw and pluggable ranges

- All end sections and circuit separators fit several types and sizes of blocks
- One end section fits up to 21 models
- One circuit separator fits with 62 terminal blocks.

End sections and circuit separators fit several types and sizes of blocks

### 50% less inventory makes PI-Spring attractive to all worldwide markets

- The user selects one range but benefit from 2 connection modes (push-in and spring) which have global certifications and access to markets and applications worldwide
- Reduced packaging adapted to the usage (20 items packaging on some items).

Push-in range + Spring range

PI-Spring

### Facilitate maintenance operations

Terminal blocks can be individually removed from a terminal assembly equipped with markers: TE Connectivity markers become independent after strip mounting. The markers remain on terminal in any situation.

Markers are interchangable: the smaller marker can fit any bigger block.

Maintenance operations facilitated

### Reliable in harsh conditions

Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion…

### High corrosion resistance

PI-Spring clamp is made of high quality stainless steel.
Salt mist withstand up to 1,000 hours (as per IEC 60068).

1SNK162074S0201

## 2 Connections

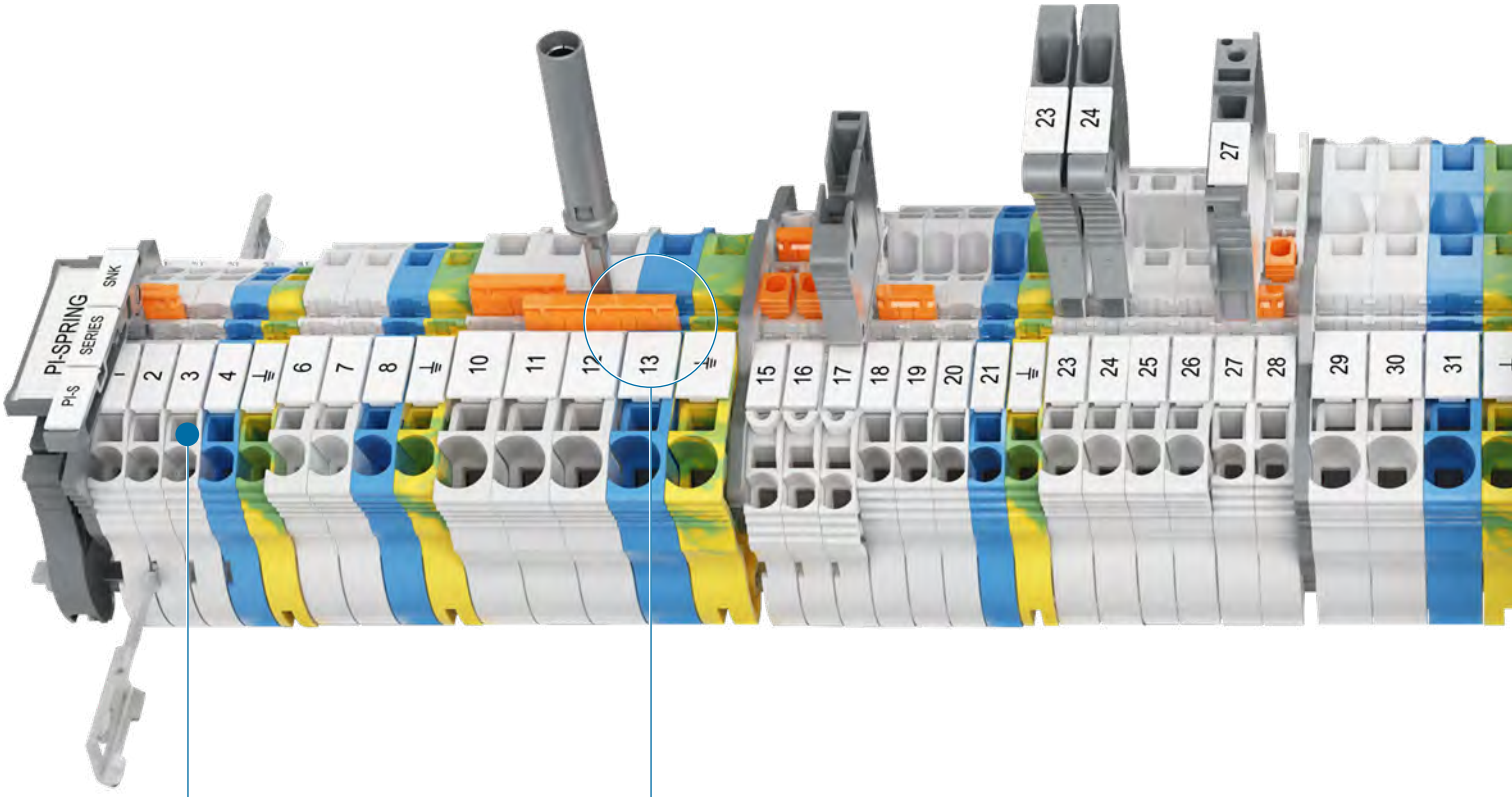
**Single deck**
Feed-through
Ground
Disconnect
Fuse
Solar : 1500 VDC

***NEW***

## 3 Connections

**Single deck**
Feed-through
Ground
Solar: 1500 VDC

***NEW***




**Voltage test**
screwdriver entry point accepts Category II probes

**Double central channels**
allows multiconfigurations (jumpering, testing and measuring)

## 4 Connections

**Single deck**
Feed-through
Ground
Disconnect
Component holder

## 2x2 Connections

**Double deck**
Feed-through
Ground
Component holder

## 3x2 Connections

**Triple deck**
Feed-through
Ground

**Two circuit separators**
for the entire range

**End section**
can be used as circuit separator

**Rotating label holder**
easy plug-in in jumper channel

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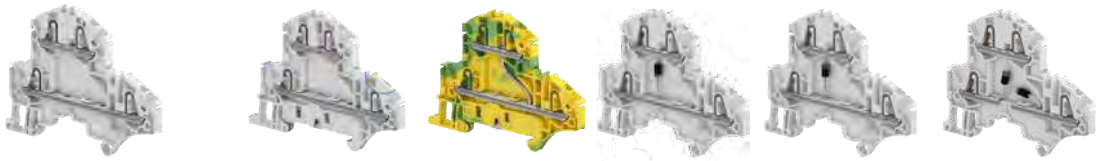
| Section | | Feed-through | | | Ground | | | Component holder | |
|---|---|---|---|---|---|---|---|---|---|
| 2.5 mm² | 12 AWG | ZK2.5 | ZK2.5-3P | ZK2.5-4P | ZK2.5-PE | ZK2.5-PE-3P | ZK2.5-PE 4P | ZK2.5-CH-4P-LR | ZK2.5-CH-4P-RL |
| 4 mm² | 10 AWG | ZK4 | ZK4-3P | ZK4-4P | ZK4-PE | ZK4-PE-3P | ZK4-PE- 4P | | |
| 6 mm² | 8 AWG | ZK6 | ZK6-3P | | ZK6-PE | ZK6-PE-3P | | | |
| 10 mm² | 6 AWG | ZK10 | ZK10-3P | | ZK10-PE | ZK10-PE-3P | | | |
| | | ZK10-PV New | ZK10-3P-PV | | | | | | |
| 16 mm² | 4 AWG | ZK16 | ZK16-3P | | ZK16-PE | ZK16-PE-3P | | | |
| | | ZK16-PV New | ZK16-3P-PV | | | | | | |



| Double deck | | Feed-through | | Ground | | Component holder | | |
|---|---|---|---|---|---|---|---|---|
| Section | | | | | | | | |
| 2.5 mm² | 12 AWG | ZK2.5-D2 | ZK2.5-D1 | ZK2.5-D2-PE | ZK2.5-D1-PE | ZK2.5-D-CH-UD | ZK2.5-D-CH-DU | ZK2.5-D-CH2-DU-RL |

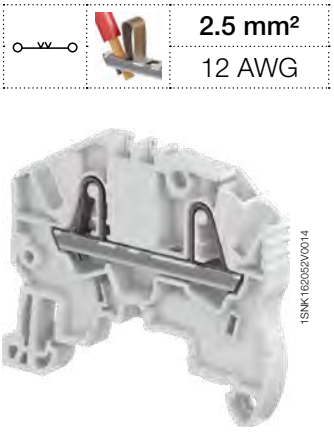
| Triple deck | | Feed-through | | Ground | |
|---|---|---|---|---|---|
| Section | | | | | |
| 2.5 mm² | 12 AWG | ZK2.5-T3 | ZK2.5-T1 | ZK2.5-L-L-PE | ZK2.5-T1-PE |
| | | | | ZK2.5-L-N-PE | |

| Disconnect | | With blade | | With plug | | For 5x20 mm fuses | | Aligned with ZK2.5-SF |
|---|---|---|---|---|---|---|---|---|
| Section | | | | | | | | |
| 2.5 mm² | 12 AWG | ZK2.5-S | ZK2.5-S-4P | ZK2.5-SP | ZK2.5-SP-4P | ZK2.5-SF | ZK2.5-SF-R1 | ZK2.5-S-R1 |
| | | | | | | | ZK2.5-SF-R3 | |

Clamp - Channels for jumpering or testing - Test socket - Blown-fuse indicator

1SNK162020S0201 - Rev. B

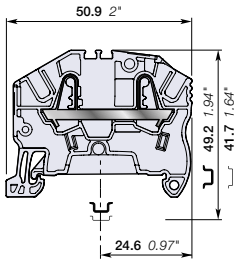
# ZK2.5 PI-Spring terminal blocks
## Feed-through - 5.2 mm 0.205 in spacing



**2.5 mm²**
12 AWG




ZK2.5




**5.2 mm** 0.205 in spacing

### Description

Combine high performance with compact dimensions:
- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZK2.5 | 1SNK705010R0000 | | 50 | 5.50 |
| | | Blue | ZK2.5-BL | 1SNK705020R0000 | | 50 | 5.50 |
| | | Orange | ZK2.5-OR | 1SNK705030R0000 | | 50 | 5.50 |
| | | Yellow | ZK2.5-YL | 1SNK705060R0000 | | 50 | 5.50 |
| | | Green | ZK2.5-GN | 1SNK705061R0000 | | 50 | 5.50 |
| | | Red | ZK2.5-RD | 1SNK705062R0000 | | 50 | 5.50 |
| | | White | ZK2.5-WH | 1SNK705065R0000 | | 50 | 5.50 |
| | | Black | ZK2.5-BK | 1SNK705066R0000 | | 50 | 5.50 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5 | 1SNK705910R0000 | | 20 | 1.80 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Shield connectors** | | | | SHBP | 1SNK900601R0000 | | 20 | 4.10 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

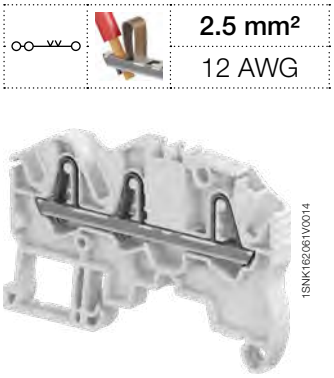
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK2.5 | Green-yellow | ZK2.5-PE | 1SNK705150R0000 | | 20 | 10.00 |

Technical data valid for copper conductors only.

1SNK162023S0201

# ZK2.5-3P PI-Spring terminal blocks

## Feed-through with 3 connections - 5.2 mm 0.205 in spacing

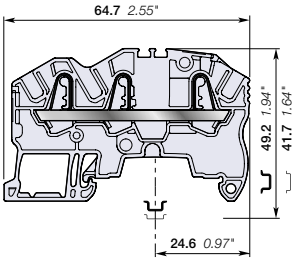


2.5 mm²
12 AWG



1SNK162061V0014

ZK2.5-3P




**5.2 mm** 0.205 in spacing

### Description

Find all the features of the ZK2.5 terminal block with the added option of distributing or branching 3 conductors.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 connections | Grey | ZK2.5-3P | 1SNK705011R0000 | | 50 | 7.40 |
| | | Blue | ZK2.5-3P-BL | 1SNK705021R0000 | | 50 | 7.40 |
| | | Orange | ZK2.5-3P-OR | 1SNK705031R0000 | | 50 | 7.40 |
| | | Yellow | ZK2.5-3P-YL | 1SNK705067R0000 | | 50 | 7.40 |
| | | Green | ZK2.5-3P-GN | 1SNK705068R0000 | | 50 | 7.40 |
| | | Red | ZK2.5-3P-RD | 1SNK705069R0000 | | 50 | 7.40 |
| | | White | ZK2.5-3P-WH | 1SNK705072R0000 | | 50 | 7.40 |
| | | Black | ZK2.5-3P-BK | 1SNK705073R0000 | | 50 | 7.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

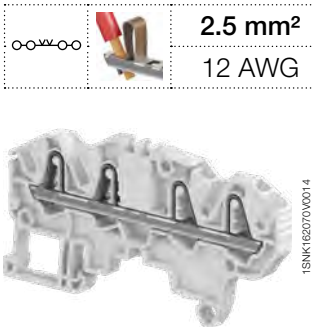
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK2.5-3P | Green-yellow | ZK2.5-PE-3P | 1SNK705151R0000 | | 20 | 11.90 |

1SNK162024S0201

Technical data valid for copper conductors only.

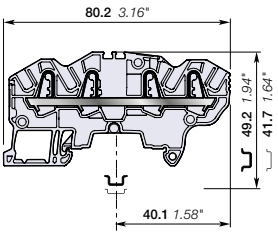
# ZK2.5-4P PI-Spring terminal blocks

## Feed-through with 4 connections - 5.2 mm 0.205 in spacing




ZK2.5-4P

| 2.5 mm² |
|---|
| 12 AWG |




**5.2 mm** 0.205 in spacing

### Description

Find all the features of the ZK2.5 terminal block with the added option of distributing or branching 4 conductors.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 4 connections | Grey | ZK2.5-4P | 1SNK705012R0000 | | 50 | 9.00 |
| | | Blue | ZK2.5-4P-BL | 1SNK705022R0000 | | 50 | 9.00 |
| | | Orange | ZK2.5-4P-OR | 1SNK705032R0000 | | 50 | 9.00 |
| | | Yellow | ZK2.5-4P-YL | 1SNK705074R0000 | | 50 | 9.00 |
| | | Green | ZK2.5-4P-GN | 1SNK705075R0000 | | 50 | 9.00 |
| | | Red | ZK2.5-4P-RD | 1SNK705076R0000 | | 50 | 9.00 |
| | | White | ZK2.5-4P-WH | 1SNK705079R0000 | | 50 | 9.00 |
| | | Black | ZK2.5-4P-BK | 1SNK705080R0000 | | 50 | 9.00 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

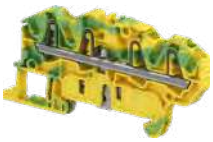
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-4P | 1SNK705912R0000 | | 20 | 2.70 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground PI-Spring terminal blocks

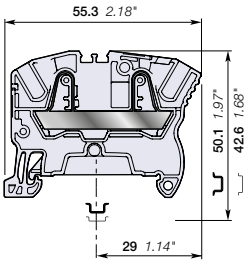
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK2.5-4P | Green-yellow | ZK2.5-PE-4P | 1SNK705152R0000 | | 20 | 13.60 |

1SNK162025S0201

Technical data valid for copper conductors only.

# ZK4 PI-Spring terminal blocks
## Feed-through - 6 mm 0.236 in spacing

ZK4




**6 mm** 0.236 in spacing

| 4 mm² |
|---|
| 10 AWG |

## Description

Combine high performance with compact dimensions:
- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZK4 | 1SNK706010R0000 | | 50 | 7.90 |
| | | Blue | ZK4-BL | 1SNK706020R0000 | | 50 | 7.90 |
| | | Orange | ZK4-OR | 1SNK706030R0000 | | 50 | 7.90 |
| | | Yellow | ZK4-YL | 1SNK706060R0000 | | 50 | 7.90 |
| | | Red | ZK4-RD | 1SNK706062R0000 | | 50 | 7.90 |
| | | Black | ZK4-BK | 1SNK706066R0000 | | 50 | 7.90 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 1 mm² | 26 ... 18 AWG |
| **Rated current / Rated cross section** | | 32 A / 4 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | 636 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5 | 1SNK705910R0000 | | 20 | 1.80 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

## Ground PI-Spring terminal blocks

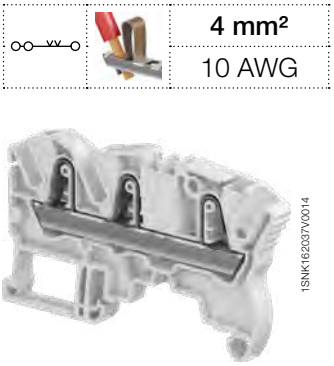
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK4 | Green-yellow | ZK4-PE | 1SNK706150R0000 | | 20 | 12.60 |

1SNK162026S0201

Technical data valid for copper conductors only.

# ZK4-3P PI-Spring terminal blocks

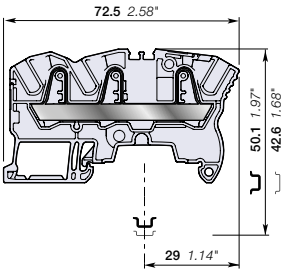
## Feed-through with 3 connections - 6 mm 0.236 in spacing



| | |
|---|---|
| 4 mm² | |
| 10 AWG | |

1SNK162037V0014

ZK4-3P




**6 mm** 0.236 in spacing

### Description

Find all the features of the ZK4 terminal block with the added option of distributing or branching 3 conductors.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 connections | Grey | ZK4-3P | 1SNK706011R0000 | | 50 | 11.00 |
| | | Blue | ZK4-3P-BL | 1SNK706021R0000 | | 50 | 11.00 |
| | | Orange | ZK4-3P-OR | 1SNK706031R0000 | | 50 | 11.00 |

### Main technical data

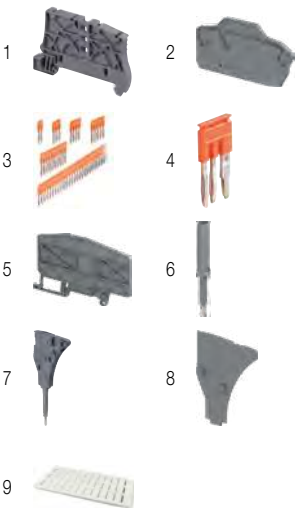
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 1 mm² | 26 ... 18 AWG |
| **Rated current / Rated cross section** | | 32 A / 4 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | 636 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

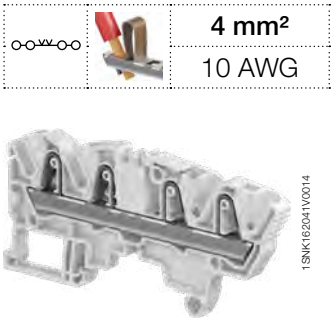
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK4-3P | Green-yellow | ZK4-PE-3P | 1SNK706151R0000 | | 20 | 15.70 |

1SNK162027S0201

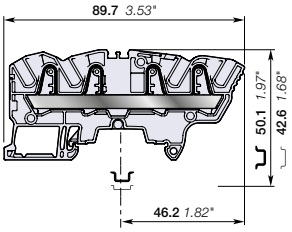
Technical data valid for copper conductors only.

# ZK4-4P PI-Spring terminal blocks

## Feed-through with 4 connections - 6 mm 0.236 in spacing




ZK4-4P




**6 mm** 0.236 in spacing

| 4 mm² |
|---|
| 10 AWG |

### Description

Find all the features of the ZK4 terminal block with the added option of distributing or branching 4 conductors.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 4 connections | Grey | ZK4-4P | 1SNK706012R0000 | | 50 | 13.80 |
| | | Blue | ZK4-4P-BL | 1SNK706022R0000 | | 50 | 13.80 |
| | | Orange | ZK4-4P-OR | 1SNK706032R0000 | | 50 | 13.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 1 mm² | 26 ... 18 AWG |
| **Rated current / Rated cross section** | | 32 A / 4 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | 636 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-4P | 1SNK705912R0000 | | 20 | 2.70 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

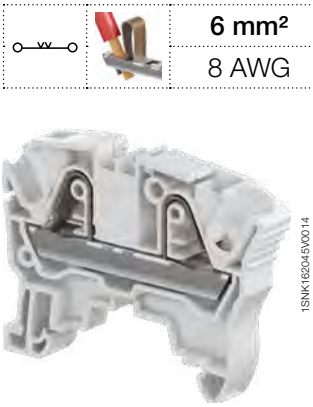
### Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK4-4P | Green-yellow | ZK4-PE-4P | 1SNK706152R0000 | | 20 | 18.40 |

1SNK162028S0201

Technical data valid for copper conductors only.

# ZK6 PI-Spring terminal blocks
## Feed-through - 8 mm 0.315 in spacing

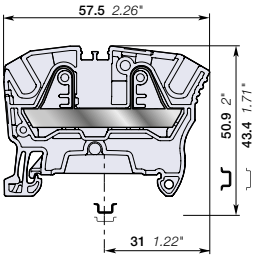


6 mm²
8 AWG



1SNK162045V0014

ZK6




**8 mm** 0.315 in spacing

### Description

Combine high performance with compact dimensions:
- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZK6 | 1SNK708010R0000 | | 50 | 11.80 |
| | | Blue | ZK6-BL | 1SNK708020R0000 | | 50 | 11.80 |
| | | Orange | ZK6-OR | 1SNK708030R0000 | | 50 | 11.80 |
| | | Yellow | ZK6-YL | 1SNK708060R0000 | | 50 | 11.80 |
| | | Red | ZK6-RD | 1SNK708062R0000 | | 50 | 11.80 |
| | | Black | ZK6-BK | 1SNK708066R0000 | | 50 | 11.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible without ferrule | 0.5 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 41 A / 6 mm² | 50 A / 8 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | 1008 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

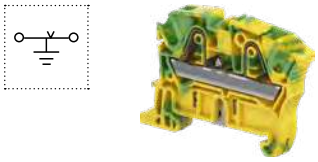
### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5 | 1SNK705910R0000 | | 20 | 1.80 |
| 3 | **Jumper bars** | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Spacers** | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground PI-Spring terminal blocks

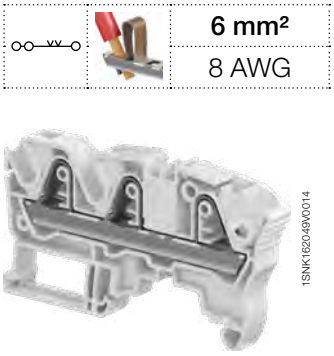
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK6 | Green-yellow | ZK6-PE | 1SNK708150R0000 | | 20 | 20.30 |

1SNK162029S0201

Technical data valid for copper conductors only.

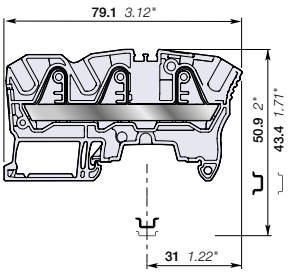
# ZK6-3P PI-Spring terminal blocks

## Feed-through with 3 connections - 8 mm 0.315 in spacing



1SNK162049V0014

ZK6-3P




**8 mm** 0.315 in spacing

| | |
|---|---|
| | 6 mm² |
| | 8 AWG |

### Description

Find all the features of the ZK6 terminal block with the added option of distributing or branching 3 conductors.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 connections | Grey | ZK6-3P | 1SNK708011R0000 | | 50 | 16.70 |
| | | Blue | ZK6-3P-BL | 1SNK708021R0000 | | 50 | 16.70 |
| | | Orange | ZK6-3P-OR | 1SNK708031R0000 | | 50 | 16.70 |

### Main technical data

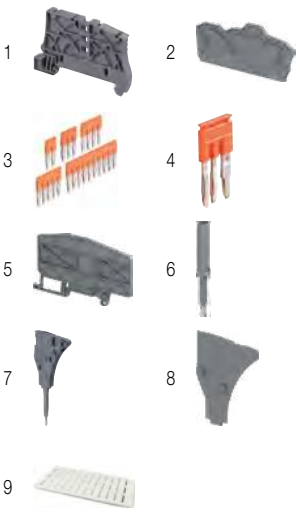
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible without ferrule | 0.5 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 41 A / 6 mm² | 50 A / 8 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | 1008 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 37 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK6-3P | 1SNK708911R0000 | | 20 | 2.80 |
| 3 | **Jumper bars** | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Spacers** | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

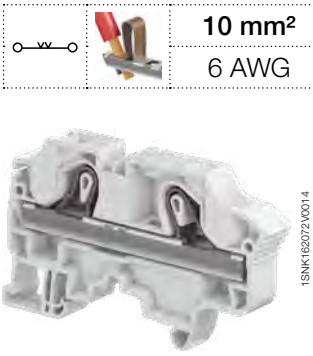
### Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK6-3P | Green-yellow | ZK6-PE-3P | 1SNK708151R0000 | | 20 | 21.50 |

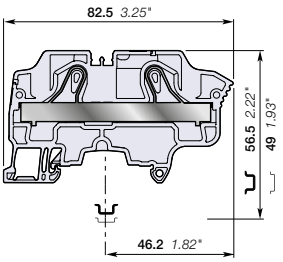
1SNK162030S0201

Technical data valid for copper conductors only.

# ZK10 PI-Spring terminal blocks
## Feed-through - 10 mm 0.394 in spacing




ZK10




**10 mm** 0.394 in spacing

| 10 mm² |
|---|
| 6 AWG |

### Description

Combine high performance with compact dimensions:
- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZK10 | 1SNK710010R0000 | | 20 | 27.20 |
| | | Blue | ZK10-BL | 1SNK710020R0000 | | 20 | 27.20 |
| | | Orange | ZK10-OR | 1SNK710030R0000 | | 20 | 27.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 57 A / 10 mm² | 55 A / 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | 1596 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 51 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK10 | 1SNK710910R0000 | | 20 | 3.30 |
| 3 | **Jumper bars** | 2 poles | 76 A (IEC) | Orange | JB10-2 | 1SNK910302R0000 | | 50 | 4.60 |
| | | 3 poles | 76 A (IEC) | | JB10-3 | 1SNK910303R0000 | | 50 | 7.10 |
| | | 4 poles | 76 A (IEC) | | JB10-4 | 1SNK910304R0000 | | 40 | 9.40 |
| | | 5 poles | 76 A (IEC) | | JB10-5 | 1SNK910305R0000 | | 30 | 12.00 |
| | | 10 poles | 76 A (IEC) | | JB10-10 | 1SNK910310R0000 | | 20 | 24.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

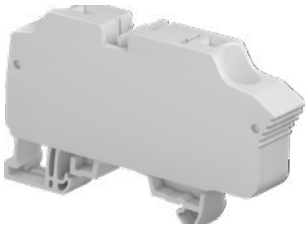
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK10 | Green-yellow | ZK10-PE | 1SNK710150R0000 | | 20 | 36.20 |

Technical data valid for copper conductors only.

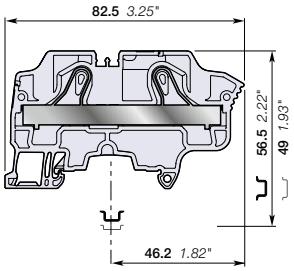
1SNK162031S0201

# ZK10-PV PI-Spring terminal blocks
## Feed-through - 12 mm 0.472 in spacing

**10 mm²**
6 AWG


1SNK162124V0014

ZK10-PV




**12 mm** 0.472 in spacing

### Description
Specially designed for high voltage utility scale solar power plants:
- Rated voltage of 1500 V DC IEC and 1000 V DC UL,
- Pre-mounted end section with light grey color specific to this application,
- Improved design with ribs to increase creepage distance,
- Compact solution only 2 mm thicker than normal product,
- Compatible with JB12 jumpers to interconnect multiple terminal blocks.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZK10-PV | 1SNK710063R0000 | | 20 | 29.86 |
| | | Blue | ZK10-PV-BL | 1SNK710065R0000 | | 20 | 29.86 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 4 AWG | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 57 A / 10 mm² | 55 A / 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | 1596 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V AC / 1500 V DC | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **Jumper bars** | 2 poles | 76 A (IEC) | Orange | JB12-2 | 1SNK912302R0000 | | 50 | 4.90 |
| | | 3 poles | 76 A (IEC) | | JB12-3 | 1SNK912303R0000 | | 50 | 7.60 |
| | | 5 poles | 76 A (IEC) | | JB12-5 | 1SNK912305R0000 | | 20 | 12.90 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Terminal block markers** | Blank card | | White | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Blank marker | | | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.273 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

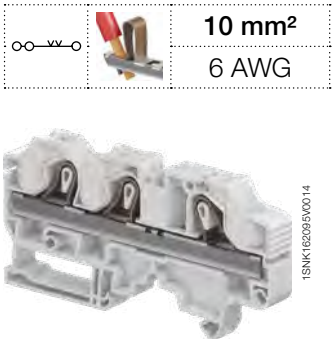
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK10 | Green-yellow | ZK10-PE | 1SNK710150R0000 | | 20 | 36.20 |

1SNK162080S0201

Technical data valid for copper conductors only.

# ZK10-3P PI-Spring terminal blocks

## Feed-through with 3 connections - 10 mm 0.394 in spacing

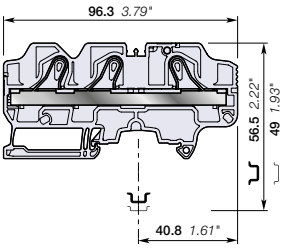


**10 mm²**
6 AWG



1SNK162095V0014

ZK10-3P




**10 mm** 0.394 in spacing

### Description

- Find all the features of the ZK10 terminal block with the added option of distributing or branching 3 conductors,
- ZK10-3P is perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC, 1000 V UL.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 connections | Grey | ZK10-3P | 1SNK710011R0000 | | 20 | 34.9 |
| | | Blue | ZK10-3P-BL | 1SNK710021R0000 | | 20 | 34.9 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 57 A / 10 mm² | 56 A / 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 57 A - IM2 II 2 GD Ex eb I/II/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

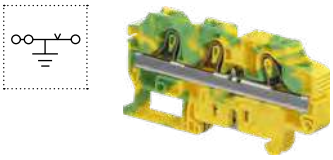
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors).
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK10-3P | 1SNK710911R0000 | | 20 | 4.5 |
| 3 | **Jumper bars** | 2 poles | 76 A (IEC) | Orange | JB10-2 | 1SNK910302R0000 | | 50 | 4.60 |
| | | 3 poles | 76 A (IEC) | | JB10-3 | 1SNK910303R0000 | | 50 | 7.10 |
| | | 4 poles | 76 A (IEC) | | JB10-4 | 1SNK910304R0000 | | 40 | 9.40 |
| | | 5 poles | 76 A (IEC) | | JB10-5 | 1SNK910305R0000 | | 30 | 12.00 |
| | | 10 poles | 76 A (IEC) | | JB10-10 | 1SNK910310R0000 | | 20 | 24.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK10-3P | Green-yellow | ZK10-PE-3P | 1SNK710151R0000 | | 20 | 43.3 |

1SNK162061S0201

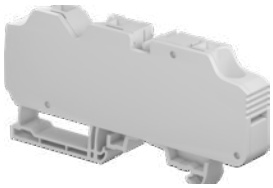
Technical data valid for copper conductors only.

# ZK10-3P-PV PI-Spring terminal blocks

## Feed-through with 3 connections - 12 mm 0.472 in spacing

**10 mm²**

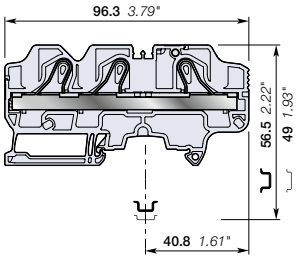
6 AWG



1SNK162126V0014

ZK10-3P-PV






**12 mm** 0.472 in spacing

## Description

Specially designed for high voltage utility scale solar power plants:

- Rated voltage of 1500 V DC IEC and 1000 V DC UL,
- Pre-mounted end section with light grey color specific to this application,
- Improved design with ribs to increase creepage distance,
- Compact solution only 2 mm thicker than normal product,
- 3 connections configuration for easy grouping: 2 inputs / 1 output or 1 input / 2 outputs,
- Compatible with JB12 jumpers to interconnect multiple terminal blocks.

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Feed-through | 3 connections | Grey | ZK10-3P-PV | 1SNK710064R0000 | | 20 | 38.61 |
| | | Blue | ZK10-3P-PV-BL | 1SNK710067R0000 | | 20 | 38.61 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| 2 conductors per clamp | Flexible with twin ferrule | 0.5 ... 4 AWG | 20 ... 12 AWG |
| Rated current / Rated cross section | | 57 A / 10 mm² | 56 A / 6 AWG |
| Rated short-time withstand current (1s) | | 1200 A | 1596 A |
| Short Circuit Current Rating (with specific conditions) | | | 100 kA |
| Rated voltage | | 1000 V AC / 1500 V DC | 1000 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | Jumper bars | 2 poles | 76 A (IEC) | Orange | JB12-2 | 1SNK912302R0000 | | 50 | 4.90 |
| | | 3 poles | 76 A (IEC) | | JB12-3 | 1SNK912303R0000 | | 50 | 7.60 |
| | | 5 poles | 76 A (IEC) | | JB12-5 | 1SNK912305R0000 | | 20 | 12.90 |
| 3 | Circuit separators | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | Terminal block markers | Blank card | | White | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Blank marker | | | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.273 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

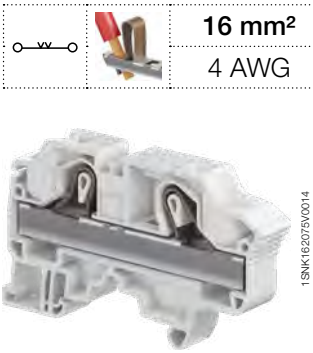
## Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | Profile aligned with ZK10-3P | Green-yellow | ZK10-PE-3P | 1SNK710151R0000 | | 20 | 43.3 |

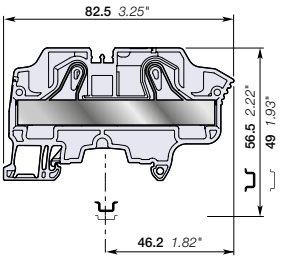
1SNK162081S0201

Technical data valid for copper conductors only.

# ZK16 PI-Spring terminal blocks
## Feed-through - 12 mm 0.472 in spacing




ZK16




**12 mm** 0.472 in spacing

| | |
|---|---|
| | **16 mm²** |
| | 4 AWG |

### Description

Combine high performance with compact dimensions:
- 1000 V AC / DC IEC 600 V UL,
- Opt for the best marking visibility thanks to the up-front, flat marker zone, which lets you mark up to eight digits or increase the font size.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZK16 | 1SNK712010R0000 | | 20 | 33.80 |
| | | Blue | ZK16-BL | 1SNK712020R0000 | | 20 | 33.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 20 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 6 mm² | 20 ... 10 AWG |
| **Rated current / Rated cross section** | | 76 A / 16 mm² | 75 A / 4 AWG |
| **Rated short-time withstand current** (1s) | | 1920 A | 2544 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 69 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

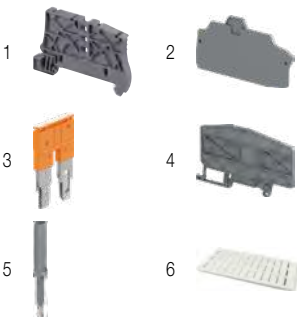
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

2




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK10 | 1SNK710910R0000 | | 20 | 3.30 |
| 3 | **Jumper bars** | 2 poles | 76 A (IEC) | Orange | JB12-2 | 1SNK912302R0000 | | 50 | 4.90 |
| | | 3 poles | 76 A (IEC) | | JB12-3 | 1SNK912303R0000 | | 50 | 7.60 |
| | | 5 poles | 76 A (IEC) | | JB12-5 | 1SNK912305R0000 | | 20 | 12.90 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

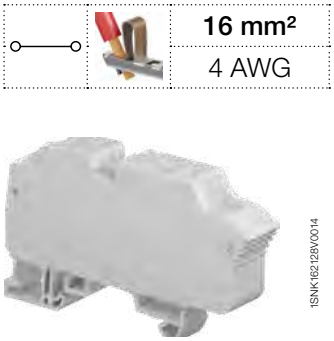
### Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK16 | Green-yellow | ZK16-PE | 1SNK712150R0000 | | 20 | 47.00 |

1SNK162032S0201

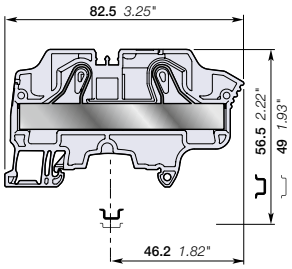
Technical data valid for copper conductors only.

# ZK16-PV PI-Spring terminal blocks
## Feed-through - 14 mm 0.551 in spacing



1SNK162128V0014

ZK16-PV




**14 mm** 0.551 in spacing

| 16 mm² |
|---|
| 4 AWG |

### Description

Specially designed for high voltage utility scale solar power plants:
- Rated voltage of 1500 V DC IEC and 1000 V DC UL,
- Pre-mounted end section with light grey color specific to this application,
- Improved design with ribs to increase creepage distance,
- Compact solution only 2 mm thicker than normal product,
- No available jumpers for ZK16-PV and ZK16-3P-PV (14 mm spacing).

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZK16-PV | 1SNK712063R0000 | | 15 | 36.56 |
| | | Blue | ZK16-PV-BL | 1SNK712065R0000 | | 15 | 36.56 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 20 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 6 AWG | 20 ... 10 AWG |
| **Rated current / Rated cross section** | | 76 A / 16 mm² | 75 A / 4 AWG |
| **Rated short-time withstand current (1s)** | | 1920 A | 2544 A |
| **Short Circuit Current Rating (with specific conditions)** | | | 100 kA |
| **Rated voltage** | | 1000 V AC / 1500 V DC | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Terminal block markers** | Blank card | | White | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Blank marker | | | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.273 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK16 | Green-yellow | ZK16-PE | 1SNK712150R0000 | | 20 | 47.00 |

1SNK162082S0201

Technical data valid for copper conductors only.

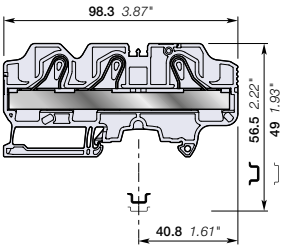
# ZK16-3P PI-Spring terminal blocks

## Feed-through with 3 connections - 12 mm 0.472 in spacing

**16 mm²**
4 AWG

1SNK162098V0014

ZK16-3P




**12 mm** 0.472 in spacing

### Description

- Find all the features of the ZK16 terminal block with the added option of distributing or branching 3 conductors,
- ZK16-3P is perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC, 1000 V UL.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 connections | Grey | ZK16-3P | 1SNK712011R0000 | | 20 | 44.3 |
| | | Blue | ZK16-3P-BL | 1SNK712021R0000 | | 20 | 44.3 |

### Main technical data

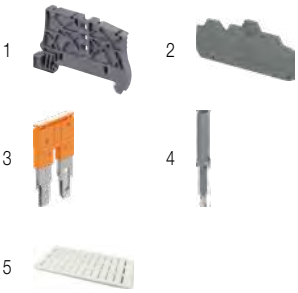
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 20 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 6 mm² | 20 ... 10 AWG |
| **Rated current / Rated cross section** | | 76 A / 16 mm² | 75 A / 4 AWG |
| **Rated short-time withstand current** (1s) | | 1920 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 76 A - IM2 II 2 GD Ex eb I/II/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK10-3P | 1SNK710911R0000 | | 20 | 4.5 |
| 3 | **Jumper bars** | 2 poles | 76 A (IEC) | Orange | JB12-2 | 1SNK912302R0000 | | 50 | 4.90 |
| | | 3 poles | 76 A (IEC) | | JB12-3 | 1SNK912303R0000 | | 50 | 7.60 |
| | | 5 poles | 76 A (IEC) | | JB12-5 | 1SNK912305R0000 | | 20 | 12.90 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

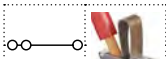
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK16-3P | Green-yellow | ZK16-PE-3P | 1SNK712151R0000 | | 20 | 56.65 |

1SNK162063S0201

Technical data valid for copper conductors only.

# ZK16-3P-PV PI-Spring terminal blocks

## Feed-through with 3 connections - 14 mm 0.551 in spacing

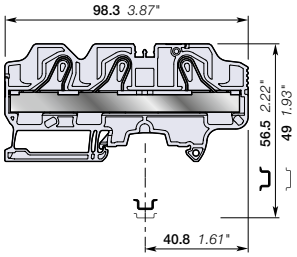


**16 mm²**
4 AWG

1SNK162130V0014

ZK16-3P-PV






**14 mm** 0.551 in spacing

### Description

Specially designed for high voltage utility scale solar power plants:
- Rated voltage of 1500 V DC IEC and 1000 V DC UL,
- Pre-mounted end section with light grey color specific to this application,
- Improved design with ribs to increase creepage distance,
- Compact solution only 2 mm thicker than normal product,
- 3 connections configuration for easy grouping: 2 inputs / 1 output or 1 input / 2 outputs,
- No available jumpers for ZK16-PV and ZK16-3P-PV (14 mm spacing).

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 connections | Grey | ZK16-3P-PV | 1SNK712064R0000 | | 15 | 48.01 |
| | | Blue | ZK16-3P-PV-BL | 1SNK712067R0000 | | 15 | 48.01 |

### Main technical data

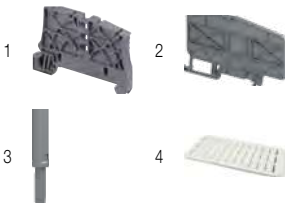
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 20 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 6 AWG | 20 ... 10 AWG |
| **Rated current / Rated cross section** | | 76 A / 16 mm² | 75 A / 4 AWG |
| **Rated short-time withstand current** (1s) | | 1920 A | 2544 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V AC / 1500 V DC | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

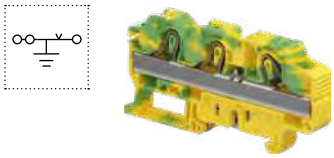
CE CB RoHS USR CNR CSA EAC




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Terminal block markers** | Blank card | | White | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Blank marker | | | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.273 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



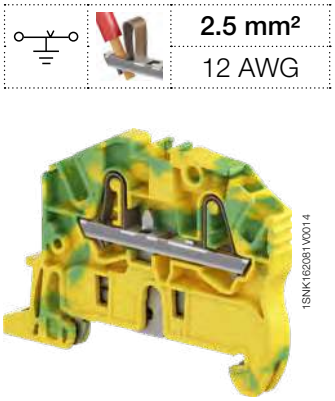
### Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK16-3P | Green-yellow | ZK16-PE-3P | 1SNK712151R0000 | | 20 | 56.65 |

1SNK162083S0201

Technical data valid for copper conductors only.

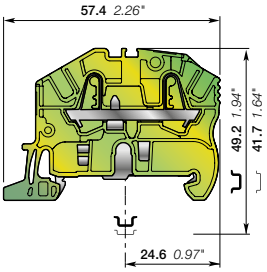
# ZK2.5-PE PI-Spring terminal blocks
## Ground - 5.2 mm 0.205 in spacing



| | |
|---|---|
| 2.5 mm² | |
| 12 AWG | |




ZK2.5-PE




**5.2 mm** 0.205 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 2 connections | Green-yellow | ZK2.5-PE | 1SNK705150R0000 | | 20 | 10.00 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC Ex | ATEX | IECEx | Haz Loc | BV | DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5 | 1SNK705910R0000 | | 20 | 1.80 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

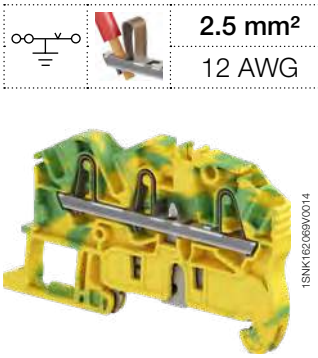
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162039S0201

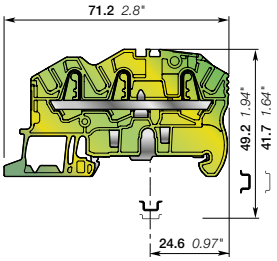
Technical data valid for copper conductors only.

# ZK2.5-PE-3P PI-Spring terminal blocks

## Ground with 3 connections - 5.2 mm 0.205 in spacing




ZK2.5-PE-3P




**5.2 mm** 0.205 in spacing

| | |
|---|---|
| | **2.5 mm²** |
| | 12 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-3P.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 3 connections | Green-yellow | ZK2.5-PE-3P | 1SNK705151R0000 | | 20 | 11.90 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC Ex | ATEX | IECEx | Haz Loc | BV | DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

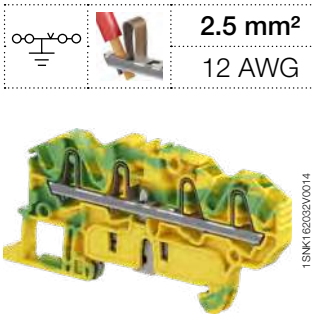
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162040S0201

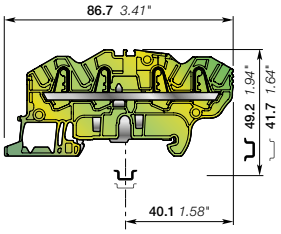
Technical data valid for copper conductors only.

# ZK2.5-PE-4P PI-Spring terminal blocks

## Ground with 4 connections - 5.2 mm 0.205 in spacing




ZK2.5-PE-4P




**5.2 mm** 0.205 in spacing

| | |
|---|---|
| | **2.5 mm²** |
| | 12 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-4P.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 4 connections | Green-yellow | ZK2.5-PE-4P | 1SNK705152R0000 | | 20 | 13.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

2

### Accessories

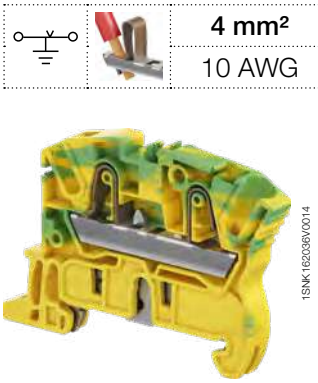
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-4P | 1SNK705912R0000 | | 20 | 2.70 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

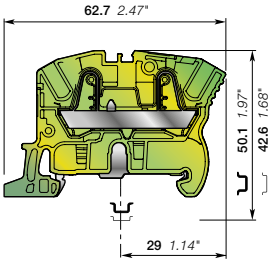
1SNK162041S0201

Technical data valid for copper conductors only.

# ZK4-PE PI-Spring terminal blocks
## Ground - 6 mm 0.236 in spacing




ZK4-PE




**6 mm** 0.236 in spacing

| | |
|---|---|
| | **4 mm²** |
| | 10 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK4.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 2 connections | Green-yellow | ZK4-PE | 1SNK706150R0000 | | 20 | 12.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| **Rated cross section** | | 4 mm² | 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | 636 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5 | 1SNK705910R0000 | | 20 | 1.80 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162042S0201

Technical data valid for copper conductors only.

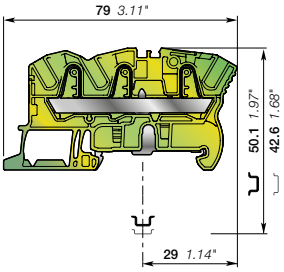
# ZK4-PE-3P PI-Spring terminal blocks

## Ground with 3 connections - 6 mm 0.236 in spacing

| 4 mm² |
|---|
| 10 AWG |

1SNK162040V0014

ZK4-PE-3P




**6 mm** 0.236 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK4-3P.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 3 connections | Green-yellow | ZK4-PE-3P | 1SNK706151R0000 | | 20 | 15.70 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| **Rated cross section** | | 4 mm² | 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | 636 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

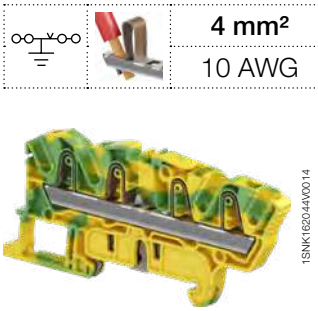
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162043S0201

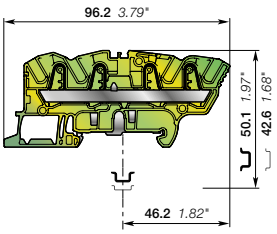
Technical data valid for copper conductors only.

# ZK4-PE-4P PI-Spring terminal blocks

## Ground with 4 connections - 6 mm 0.236 in spacing




ZK4-PE-4P




**6 mm** 0.236 in spacing

| 4 mm² |
|---|
| 10 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK4-4P.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | 4 connections | Green-yellow | ZK4-PE-4P | 1SNK706152R0000 | | 20 | 18.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| Rated cross section | | 4 mm² | 10 AWG |
| Rated short-time withstand current (1s) | | 480 A | 636 A |
| Protection | | IP20 | NEMA 1 |
| Explosive atmosphere classification | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

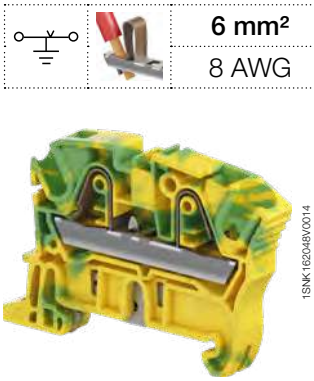
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK2.5-4P | 1SNK705912R0000 | | 20 | 2.70 |
| 3 | Circuit separators | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

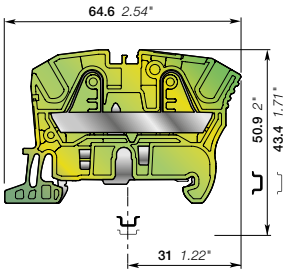
1SNK162044S0201

Technical data valid for copper conductors only.

# ZK6-PE PI-Spring terminal blocks
## Ground - 8 mm 0.315 in spacing




ZK6-PE




**8 mm** 0.315 in spacing

| | |
|---|---|
| | 6 mm² |
| | 8 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK6.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 2 connections | Green-yellow | ZK6-PE | 1SNK708150R0000 | | 20 | 20.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible without ferrule | 0.5 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| **Rated cross section** | | 6 mm² | 8 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | 1008 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5 | 1SNK705910R0000 | | 20 | 1.80 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

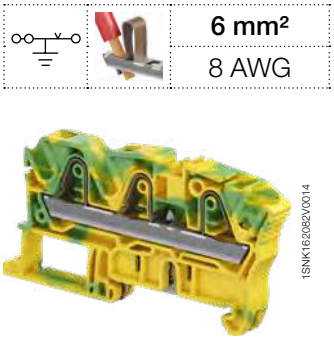
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162045S0201

Technical data valid for copper conductors only.

# ZK6-PE-3P PI-Spring terminal blocks

## Ground with 3 connections - 8 mm 0.315 in spacing

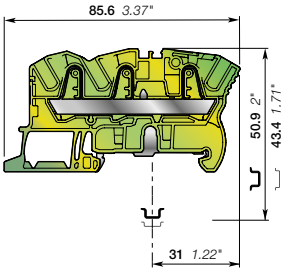


6 mm²
8 AWG



1SNK162082V0014

ZK6-PE-3P




**8 mm** 0.315 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK6-3P.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | 3 connections | Green-yellow | ZK6-PE-3P | 1SNK708151R0000 | | 20 | 21.50 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible without ferrule | 0.5 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| Rated cross section | | 6 mm² | 8 AWG |
| Rated short-time withstand current (1s) | | 720 A | 1008 A |
| Protection | | IP20 | NEMA 1 |
| Explosive atmosphere classification | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

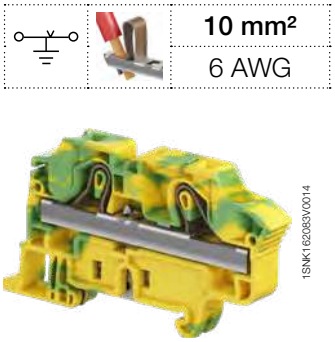
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK6-3P | 1SNK708911R0000 | | 20 | 2.80 |
| 3 | Circuit separators | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162046S0201

Technical data valid for copper conductors only.

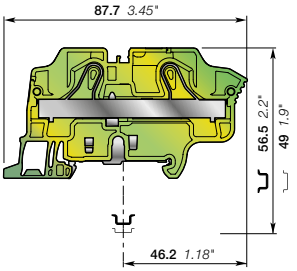
# ZK10-PE PI-Spring terminal blocks
## Ground - 10 mm 0.394 in spacing



| | |
|---|---|
| 10 mm² | |
| 6 AWG | |




ZK10-PE




**10 mm** 0.394 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK10.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | 2 connections | Green-yellow | ZK10-PE | 1SNK710150R0000 | | 20 | 36.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| Rated cross section | | 10 mm² | 6 AWG |
| Rated short-time withstand current (1s) | | 1200 A | 1596 A |
| Protection | | IP20 | NEMA 1 |
| Explosive atmosphere classification | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK10 | 1SNK710910R0000 | | 20 | 3.30 |
| 3 | Circuit separators | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

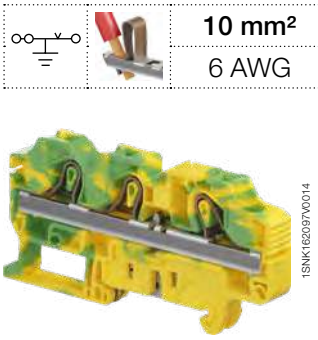
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162047S0201

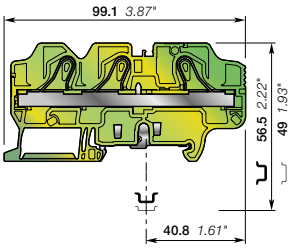
Technical data valid for copper conductors only.

# ZK10-PE-3P PI-Spring terminal blocks

## Ground with 3 connections - 10 mm 0.394 in spacing




ZK10-PE-3P




**10 mm** 0.394 in spacing

| | |
|---|---|
| | **10 mm²** |
| | 6 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 standard,
- Secured snap on or off the rail,
- Profile aligned with ZK10-3P.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 3 connections | Green-yellow | ZK10-PE-3P | 1SNK710151R0000 | | 20 | 43.3 |

### Main technical data

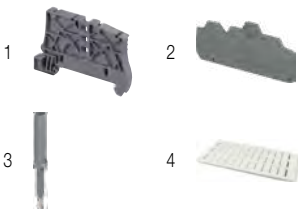
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 20 ... 8 AWG |
| **Rated cross section** | | 10 mm² | 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | 1596 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 4 mm Ø 0.157 in |




### Accessories

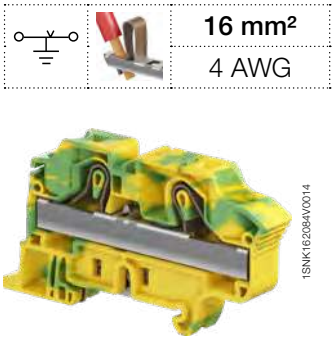
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK10-3P | 1SNK710911R0000 | | 20 | 4.5 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

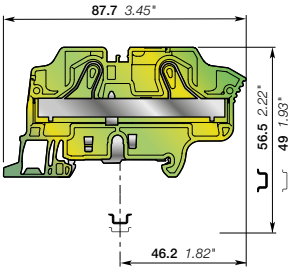
1SNK162062S0201

Technical data valid for copper conductors only.

# ZK16-PE PI-Spring terminal blocks
## Ground - 12 mm 0.472 in spacing




ZK16-PE




**12 mm** 0.472 in spacing

| | |
|---|---|
| | **16 mm²** |
| | 4 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK16.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 2 connections | Green-yellow | ZK16-PE | 1SNK712150R0000 | | 20 | 47.00 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 20 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| **Rated cross section** | | 16 mm² | 4 AWG |
| **Rated short-time withstand current** (1s) | | 1920 A | 2544 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK10 | 1SNK710910R0000 | | 20 | 3.30 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162048S0201

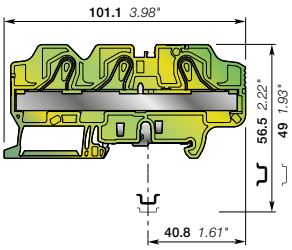
Technical data valid for copper conductors only.

# ZK16-PE-3P PI-Spring terminal blocks

## Ground with 3 connections - 12 mm 0.472 in spacing

**16 mm²**
4 AWG

ZK16-PE-3P




**12 mm** 0.472 in spacing

## Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 standard,
- Secured snap on or off the rail,
- Profile aligned with ZK16-3P.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 3 connections | Green-yellow | ZK16-PE-3P | 1SNK712151R0000 | | 20 | 56.65 |

## Main technical data

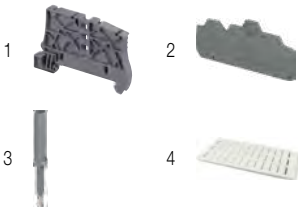
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 20 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 20 ... 6 AWG |
| **Rated cross section** | | 16 mm² | 4 AWG |
| **Rated short-time withstand current** (1s) | | 1920 A | 2544 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC | |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 15 mm 0.591 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 4 mm Ø 0.157 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BV




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK10-3P | 1SNK710911R0000 | | 20 | 4.5 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

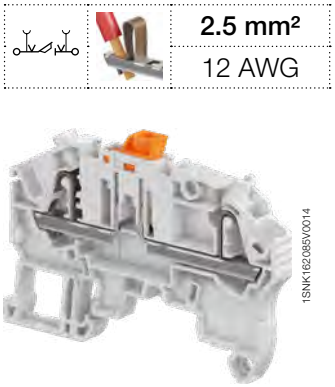
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162064S0201

Technical data valid for copper conductors only.

# ZK2.5-S PI-Spring terminal blocks

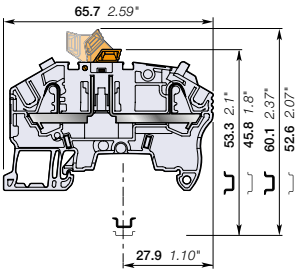
## Disconnect with blade - with test sockets - 5.2 mm 0.205 in spacing



| 2.5 mm² |
|---|
| 12 AWG |




ZK2.5-S




**5.2 mm** 0.205 in spacing

### Description

Combine high performance with compact dimensions: 630 V IEC 300 V UL.
Secure the current measurement:
- for currents below 50 mA, thanks to 2 built in test points DIA 2 mm 0.079 in,
- for currents up to 16 A, by using the TP4 test adapter inserted into the jumper channels.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | with 2 test sockets DIA 2 mm 0.079 in | Grey | ZK2.5-S | 1SNK705310R0000 | | 50 | 8.10 |
| | | Blue | ZK2.5-S-BL | 1SNK705320R0000 | | 50 | 8.10 |
| | | Orange | ZK2.5-S-OR | 1SNK705330R0000 | | 50 | 8.10 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 20 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Shield connectors** | | | | SHBP | 1SNK900601R0000 | | 20 | 4.10 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

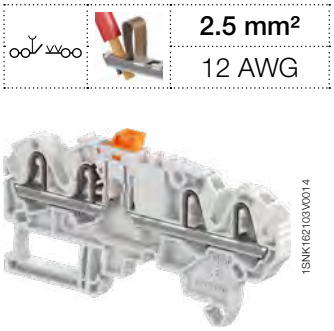
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162036S0201

Technical data valid for copper conductors only.

# ZK2.5-S-4P PI-Spring terminal blocks

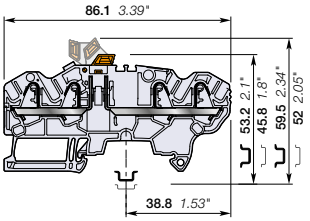
## Disconnect with blade - with test socket - 5.2 mm 0.205 in spacing



2.5 mm²
12 AWG




ZK2.5-S-4P




**5.2 mm** 0.205 in spacing

### Description

- Combine high performances with compact dimensions: 630 V IEC 300 V UL,
- Simplify the measurement with 1 built in test point DIA 2 mm 0.079 in (for current below 50mA) and TP... test adapter inserted into one jumper channel,
- Clear marking visibility with SNK top marking location 20% enlarged.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | with 1 test socket DIA 2 mm 0.079 in | Grey | ZK2.5-S-4P | 1SNK705312R0000 | | 50 | 11.14 |
| | | Blue | ZK2.5-S-4P-BL | 1SNK705321R0000 | | 50 | 11.14 |
| | | Orange | ZK2.5-S-4P-OR | 1SNK705331R0000 | | 50 | 11.14 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 20 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.158 in | Dark grey | EK2.5-S-4P | 1SNK705913R0000 | | 20 | 2.94 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

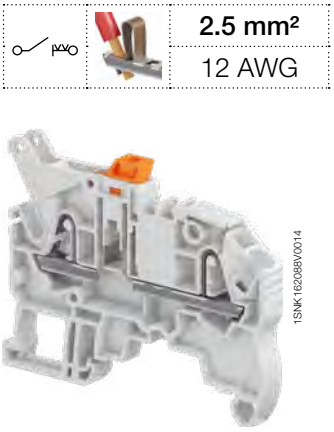
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162069S0201

Technical data valid for copper conductors only.

# ZK2.5-S-R1 PI-Spring terminal blocks

## Disconnect with blade - 6 mm 0.236 in spacing



2.5 mm²
12 AWG

## Description

Simplify the distribution of circuits in marshalling cabinets thanks to our disconnect terminal blocks with the same profile as ZK2.5-SF fuse.



1SNK162088V0014

ZK2.5-S-R1

## Ordering details

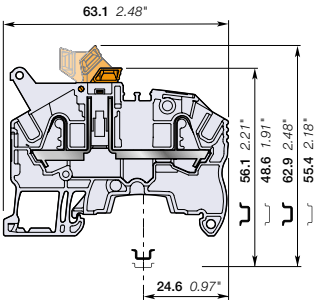
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Disconnect | Profile aligned with ZK2.5-SF | Grey | ZK2.5-S-R1 | 1SNK706310R0000 | | 50 | 8.90 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| 2 conductors per clamp | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| Rated current / Rated cross section | | 20 A / 2.5 mm² | 20 A / 12 AWG |
| Rated short-time withstand current (1s) | | 300 A | 396 A |
| Rated voltage | | 630 V | 300 V |
| Impulse withstand voltage | | 6000 V | |
| Protection | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |




**6 mm** 0.236 in spacing

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

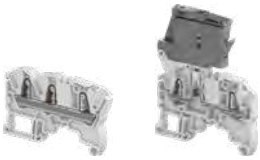
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | Jumper bars | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | Circuit separators | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | Test connectors | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | Spacers | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 8 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



ZK4-3P ZK2.5-SF

## PI-Spring terminal blocks

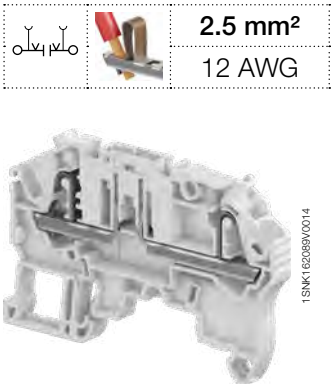
| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Feed-through | Grey | ZK4-3P | 1SNK706011R0000 | | 50 | 11.00 |
| Fuse | Grey, dark grey | ZK2.5-SF | 1SNK706410R0000 | | 50 | 16.20 |

1SNK162037S0201

Technical data valid for copper conductors only.

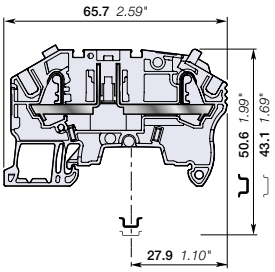
# ZK2.5-SP PI-Spring terminal blocks

## Disconnect with plug - with test sockets - 5.2 mm 0.205 in spacing



1SNK162089V0014

ZK2.5-SP




**5.2 mm** 0.205 in spacing

| 2.5 mm² |
|---|
| 12 AWG |

### Description

The flexible solution for fitting the component of your choice in series with our quick-fitting PG5 component holder plug:

– compatible with components of 8.8 x 3.2 mm 0.346 x 0.125 in, such as resistors, diodes or mini axial fuses.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | with 2 test sockets DIA 2 mm 0.079 in | Grey | ZK2.5-SP | 1SNK705311R0000 | | 50 | 11.50 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 17 A / 2.5 mm² | 18 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Shield connectors** | | | | SHBP | 1SNK900601R0000 | | 20 | 4.10 |
| 8 | **Component plugs** | Components in series with circuit | | Dark grey | PG5 | 1SNK900401R0000 | | 20 | 3.50 |
| 9 | **Disconnect plugs** | Equipped with linking bar | | Orange | PG5-R1 | 1SNK900402R0000 | | 20 | 3.50 |
| 10 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

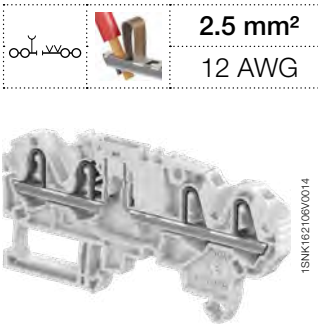
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162038S0201

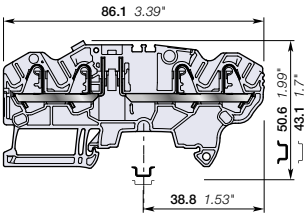
Technical data valid for copper conductors only.

# ZK2.5-SP-4P PI-Spring terminal blocks

## Disconnect with plug - with test socket - 5.2 mm 0.205 in spacing




ZK2.5-SP-4P




**5.2 mm** 0.205 in spacing

| | |
|---|---|
| | **2.5 mm²** |
| | 12 AWG |

### Description

The flexible solution for fitting the component of your choice in series with our quick-fitting PG5 component holder plug:

– compatible with components of 8.8 x 3.2 mm 0.346 x 0.125 in, such as resistors, diodes or mini axial fuses.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | with 1 test socket DIA 2 mm 0.079 in | Grey | ZK2.5-SP-4P | 1SNK705313R0000 | | 50 | 10.67 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 17 A / 2.5 mm² | 18 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.158 in | Dark grey | EK2.5-S-4P | 1SNK705913R0000 | | 20 | 2.94 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Component plugs** | Components in series with circuit | | Dark grey | PG5 | 1SNK900401R0000 | | 20 | 3.50 |
| 8 | **Disconnect plugs** | Equipped with linking bar | | Orange | PG5-R1 | 1SNK900402R0000 | | 20 | 3.50 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

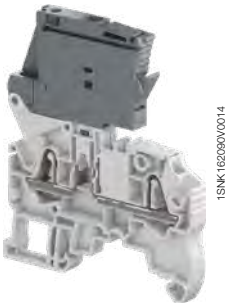
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162070S0201

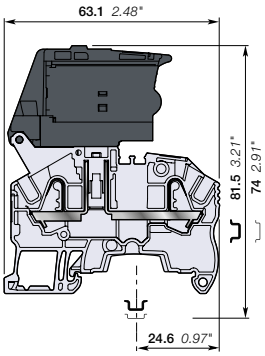
Technical data valid for copper conductors only.

# ZK2.5-SF PI-Spring terminal blocks
## For 5x20 fuses - 6 mm 0.236 in spacing

**2.5 mm²**
12 AWG




ZK2.5-SF




**6 mm** 0.236 in spacing

## Description

Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),

– Simplify the distribution thanks to the 2 jumper channels aligned with ZK4-3P feed-through and ZK2.5-S-R1 disconnect terminal blocks.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Fuse | Grey, dark grey | ZK2.5-SF | 1SNK706410R0000 | | 50 | 16.20 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| 2 conductors per clamp | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| Rated current / Rated cross section | | 6.3 A / 2.5 mm² | 16 A / 12 AWG |
| Rated short-time withstand current (1s) | | | 396 A |
| Rated voltage | | 500 V | 300 V |
| Impulse withstand voltage | | 6000 V | |
| Protection | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The fuse holder must be first disconnected prior any fuse replacement. Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | Jumper bars | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | Circuit separators | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | Test connectors | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | Spacers | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 8 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

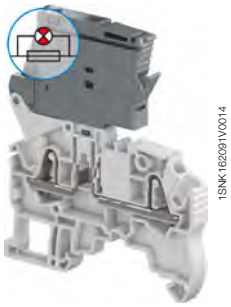
1SNK162021S0201

Technical data valid for copper conductors only.

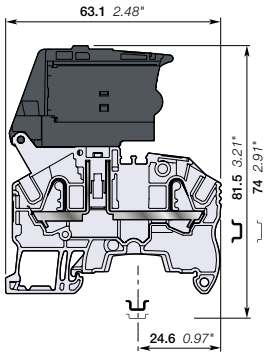
# ZK2.5-SF-R PI-Spring terminal blocks

## For 5x20 fuses - with blown fuse indicator - 6 mm 0.236 in spacing

| | |
|---|---|
| 2.5 mm² | |
| 12 AWG | |




ZK2.5-SF-R




**6 mm** 0.236 in spacing

### Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the 2 jumper channels aligned with ZK4-3P feed-through and ZK2.5-S-R1 disconnect terminal blocks,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | with blown fuse indicator 24 ... 110 V AC / DC | Grey, dark grey | ZK2.5-SF-R1 | 1SNK706411R0000 | | 50 | 16.30 |
| | with blown fuse indicator 115 ... 250 V AC / DC | | ZK2.5-SF-R3 | 1SNK706412R0000 | | 50 | 16.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 6.3 A / 2.5 mm² | 16 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | | 396 A |
| **Rated voltage** | | 500 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The fuse holder must be first disconnected prior any fuse replacement. Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | |
|---|---|---|---|
| Separate arrangement | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |

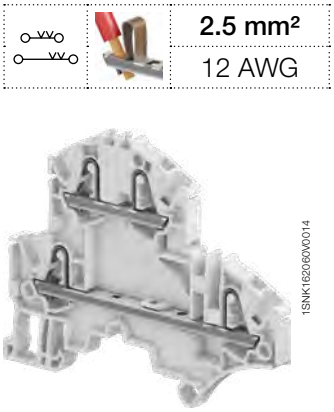
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162022S0201

Technical data valid for copper conductors only.

# ZK2.5-D2 PI-Spring terminal blocks

## Double deck with 2 feed-through circuits - 5.2 mm 0.205 in spacing

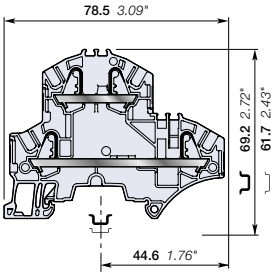


| | |
|---|---|
| 2.5 mm² | |
| 12 AWG | |



1SNK162060V0014

ZK2.5-D2




**5.2 mm** 0.205 in spacing

### Description

Combine high performance with compact dimensions:

- 800 V IEC 600 V UL,
- 2 jumper channels and a large input and output marker zone on each deck.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 feed-through circuits | Grey | ZK2.5-D2 | 1SNK705210R0000 | | 50 | 11.20 |
| | | Blue | ZK2.5-D2-BL | 1SNK705220R0000 | | 50 | 11.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 800 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

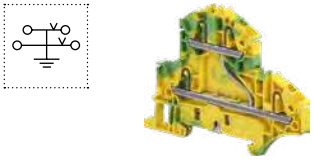
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Ground PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK2.5-D2 and ZK2.5-D1 | Green-yellow | ZK2.5-D1-PE | 1SNK705250R0000 | | 20 | 15.70 |

1SNK162033S0201

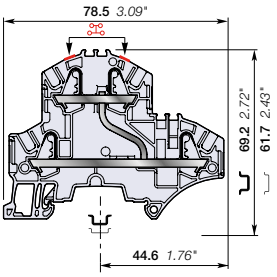
Technical data valid for copper conductors only.

# ZK2.5-D1 PI-Spring terminal blocks

## Double deck with 1 feed-through circuit - 5.2 mm 0.205 in spacing

1SNK162078V0014

**ZK2.5-D1**




**5.2 mm** 0.205 in spacing

**2.5 mm²**
12 AWG

### Description

– Find the same functionalities as ZK2.5-D2 and ease one potential distribution on 4 independent connections.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 1 feed-through circuit | Grey | ZK2.5-D1 | 1SNK705211R0000 | | 50 | 11.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 800 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

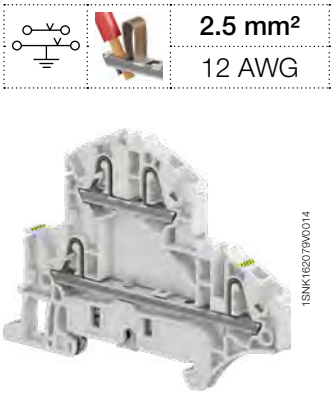
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZK2.5-D2 and ZK2.5-D1 | Green-yellow | ZK2.5-D1-PE | 1SNK705250R0000 | | 20 | 15.70 |

1SNK162035S0201

Technical data valid for copper conductors only.

# ZK2.5-D2-PE PI-Spring terminal blocks

## Double deck with 1 feed-through circuit and 1 ground circuit - 5.2 mm 0.205 in spacing

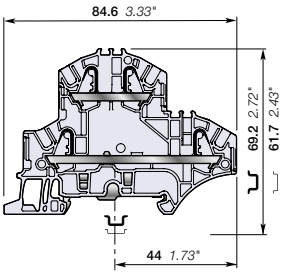


2.5 mm²
12 AWG



1SNK162079W0014

ZK2.5-D2-PE




**5.2 mm** 0.205 in spacing

### Description

Combine high performance with compact dimensions:

- 800 V IEC 600 V UL,
- 1 feed through circuit and 1 ground circuit in just 5.2 mm 0.205 in spacing,
- 2 jumper channels and a large input and output marker zone on each deck,
- designed for easy wiring.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + ground** | 1 feed-through circuit and 1 ground circuit | Grey, Green-yellow | ZK2.5-D2-PE | 1SNK705212R0000 | | 20 | 15.70 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 800 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 21 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

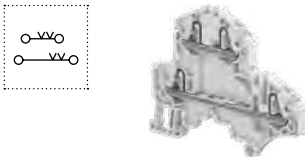
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Feed-through PI-Spring terminal blocks

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Feed-through** | Grey | ZK2.5-D2 | 1SNK705210R0000 | | 50 | 11.20 |

1SNK162034S0201

Technical data valid for copper conductors only.

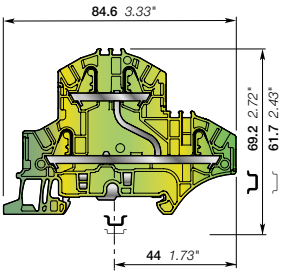
# ZK2.5-D1-PE PI-Spring terminal blocks

## Double deck with 1 ground circuit - 5.2 mm 0.205 in spacing

**2.5 mm²**
12 AWG

1SNK162080V0014

ZK2.5-D1-PE




**5.2 mm** 0.205 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-D2.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 1 ground circuit | Green-yellow | ZK2.5-D1-PE | 1SNK705250R0000 | | 20 | 15.70 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/IIC/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 6 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162049S0201

Technical data valid for copper conductors only.

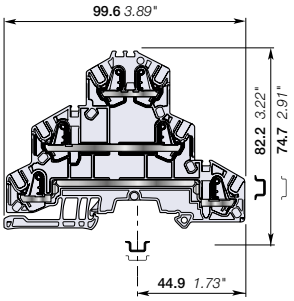
# ZK2.5-T3 PI-Spring terminal blocks

## Triple deck with 3 feed-through circuits - 5.2 mm 0.205 in spacing

**2.5 mm²**
12 AWG

1SNK162109V0014

ZK2.5-T3




**5.2 mm** 0.205 in spacing

### Description

Combine high performance with compact dimensions in just 5.2 mm 0.205 in spacing:
- 500 V IEC 300 V UL,
- 1 jumper channel and a large input and output marker zone on each deck.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 feed-through circuits | Grey | ZK2.5-T3 | 1SNK705510R0000 | | 25 | 17.33 |

### Main technical data

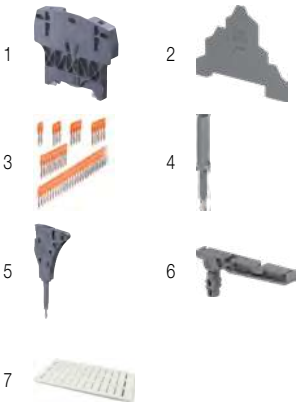
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 500 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, ATEX, IECEx, BV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 0.8 mm | 0.031 in | Dark grey | EK2.5-T3 | 1SNK705961R0000 | | 20 | 4.76 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

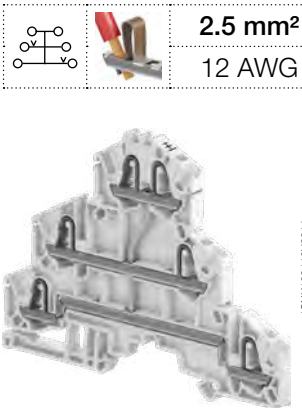
| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Ground** | Green-yellow | ZK2.5-T1-PE | 1SNK705550R0000 | | 25 | 21.53 |

1SNK162075S0201

Technical data valid for copper conductors only.

# ZK2.5-T1 PI-Spring terminal blocks

## Triple deck with 1 feed-through circuit - 5.2 mm 0.205 in spacing

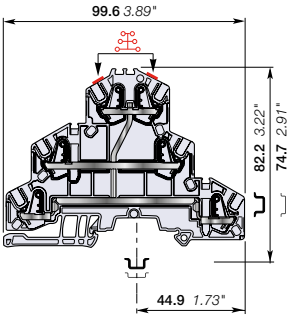


**2.5 mm²**
12 AWG



1SNK162110V0014

**ZK2.5-T1**




**5.2 mm** 0.205 in spacing

### Description

Find the same functionalities as ZK2.5-T3 and ease one potential distribution on 6 independent connections.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 1 feed-through circuit | Grey | ZK2.5-T1 | 1SNK705511R0000 | | 25 | 17.33 |

### Main technical data

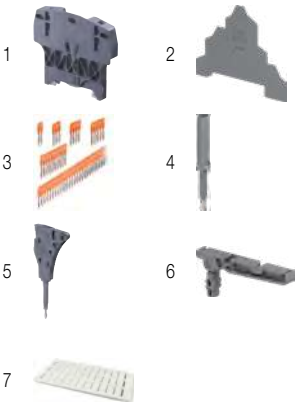
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 500 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, ATEX, IECEx, BV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 0.8 mm | 0.031 in | Dark grey | EK2.5-T3 | 1SNK705961R0000 | | 20 | 4.76 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground PI-Spring terminal blocks

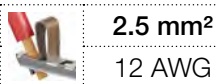
| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Ground** | Green-yellow | ZK2.5-T1-PE | 1SNK705550R0000 | | 25 | 21.53 |

1SNK162076S0201

Technical data valid for copper conductors only.

# ZK2.5-L-L-PE PI-Spring terminal blocks

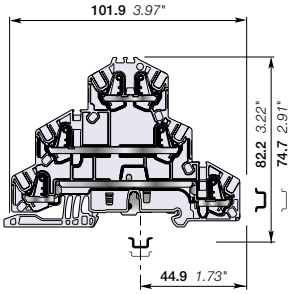
## Triple deck with 2 feed-through circuits and 1 ground circuit - 5.2 mm 0.205 in spacing



**2.5 mm²**
12 AWG

1SNK162112V0014

ZK2.5-L-L-PE




**5.2 mm** 0.205 in spacing

### Description

Combine high performance with compact dimensions:
- 500V IEC 300 V UL,
- 2 feed through circuits and 1 ground circuit in just 5.2 mm 0.205 in spacing,
- 1 jumper channel and a large input and output marker zone on each deck,
- designed for easy wiring.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + ground** | 2 feed-through circuits and 1 ground circuit | Grey, Green-yellow | ZK2.5-L-L-PE | 1SNK705512R0000 | | 25 | 21.38 |

### Main technical data

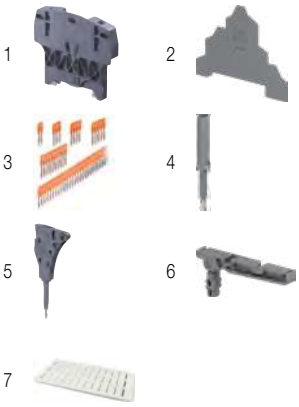
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 500 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, ATEX, IECEx, BV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 0.8 mm | 0.031 in | Dark grey | EK2.5-T3 | 1SNK705961R0000 | | 20 | 4.76 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Feed-through PI-Spring terminal blocks

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Feed-through** | Grey | ZK2.5-T3 | 1SNK705510R0000 | | 25 | 17.33 |

1SNK162078S0201

Technical data valid for copper conductors only.

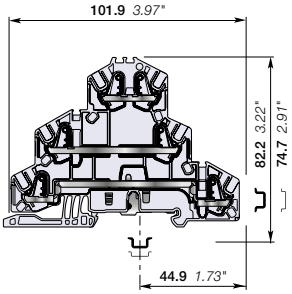
# ZK2.5-L-N-PE PI-Spring terminal blocks

## Triple deck with 2 feed-through circuits and 1 ground circuit - 5.2 mm 0.205 in spacing

**2.5 mm²**
12 AWG

1SNK162113V0014

ZK2.5-L-N-PE




**5.2 mm** 0.205 in spacing

### Description

Combine high performance with compact dimensions:
- 500 V IEC 300 V UL,
- 2 feed through circuits, phase and neutral, and 1 ground circuit in just 5.2 mm 0.205 in spacing,
- 1 jumper channel and a large input and output marker zone on each deck,
- designed for easy wiring.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + ground** | 2 feed-through circuits and 1 ground circuit | Blue, grey, Green-yellow | ZK2.5-L-N-PE | 1SNK705513R0000 | | 25 | 21.38 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | 396 A |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 500 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 20 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

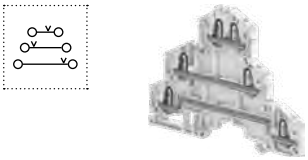
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, ATEX, IECEx, BV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 0.8 mm | 0.031 in | Dark grey | EK2.5-T3 | 1SNK705961R0000 | | 20 | 4.76 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



### Feed-through PI-Spring terminal blocks

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Feed-through** | Grey | ZK2.5-T3 | 1SNK705510R0000 | | 25 | 17.33 |

1SNK162079S0201

Technical data valid for copper conductors only.

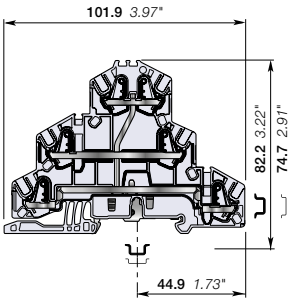
# ZK2.5-T1-PE PI-Spring terminal blocks

## Triple deck with 1 ground circuit - 5.2 mm 0.205 in spacing

| 2.5 mm² |
|---|
| 12 AWG |

1SNK162111V0014

ZK2.5-T1-PE




**5.2 mm** 0.205 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:

- Rail contact non operator dependent,
- Performances above the requirements of the IEC 60947-7-2 terminal block standard,
- Secured snap on or off the rail,
- Profile aligned with ZK2.5-T3,
- 1 jumper channel on bottom and middle decks.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | 1 ground circuit | Green-yellow | ZK2.5-T1-PE | 1SNK705550R0000 | | 25 | 21.53 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| Rated cross section | | 2.5 mm² | 12 AWG |
| Rated short-time withstand current (1s) | | 300 A | 396 A |
| Protection | | IP20 | NEMA 1 |
| Explosive atmosphere classification | | IM2 II 2 GD Ex eb I/IIC/IIIC | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, ATEX, IECEx, BV

### Accessories

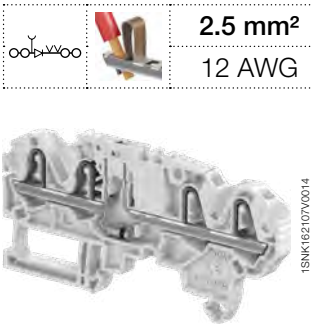
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | End sections | 0.8 mm | 0.031 in | Dark grey | EK2.5-T3 | 1SNK705961R0000 | | 20 | 4.76 |
| 3 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | Test connectors | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | Label holders | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 6 | Terminal block markers | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

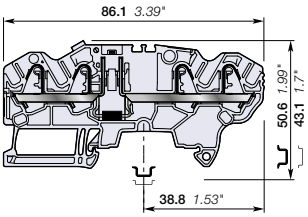
1SNK162077S0201

Technical data valid for copper conductors only.

# ZK2.5-CH-4P-LR PI-Spring terminal blocks
## Component holder - 5.2 mm 0.205 in spacing




ZK2.5-CH-4P




**5.2 mm** 0.205 in spacing

| | | |
|---|---|---|
| | | **2.5 mm²** |
| | | 12 AWG |

### Description

- Protect your circuit with one 1N4007 diode,
- Clear identification of the diode orientation with marking identification on the top of the terminal block

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Component holder** | with 1 test socket DIA 2 mm 0.079 in | Grey | ZK2.5-CH-4P-LR | 1SNK705710R0000 | | 50 | 10.91 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 1 A / 2.5 mm² | 1 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV

### Accessories

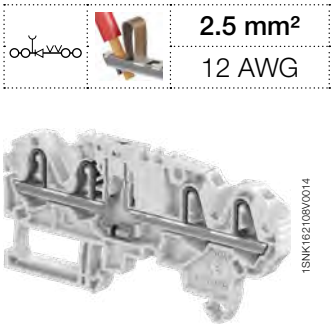
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.158 in | Dark grey | EK2.5-S-4P | 1SNK705913R0000 | | 20 | 2.94 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162071S0201

Technical data valid for copper conductors only.

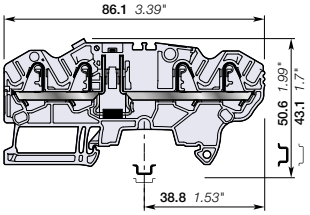
# ZK2.5-CH-4P-RL PI-Spring terminal blocks
## Component holder - 5.2 mm 0.205 in spacing



**2.5 mm²**
12 AWG




ZK2.5-CH-4P




**5.2 mm** 0.205 in spacing

### Description

- Protect your circuit with one 1N4007 diode,
- Clear identification of the diode orientation with marking identification on the top of the terminal block

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Component holder** | with 1 test socket DIA 2 mm 0.079 in | Grey | ZK2.5-CH-4P-RL | 1SNK705711R0000 | | 50 | 10.91 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 1 A / 2.5 mm² | 1 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV

### Accessories

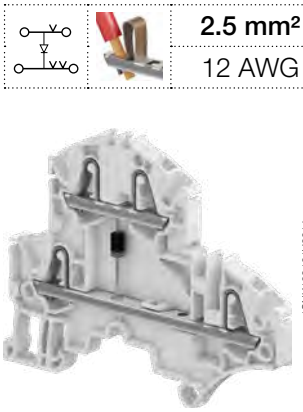
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2 mm | 0.158 in | Dark grey | EK2.5-S-4P | 1SNK705913R0000 | | 20 | 2.94 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

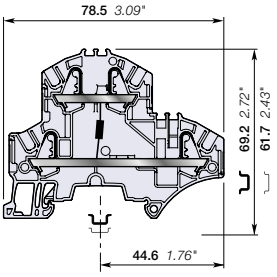
1SNK162072S0201

Technical data valid for copper conductors only.

# ZK2.5-D-CH-UD PI-Spring terminal blocks
## Component holder - 5.2 mm 0.205 in spacing




ZK2.5-D-CH




**5.2 mm** 0.205 in spacing

| | | |
|---|---|---|
|  |  | **2.5 mm²** |
| | | 12 AWG |

### Description

Protect your circuit with one 1N4007 diode.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Component holder | Grey | ZK2.5-D-CH-UD | 1SNK705213R0000 | | 50 | 11.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| 2 conductors per clamp | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| Rated current / Rated cross section | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| Rated short-time withstand current (1s) | | 300 A | |
| Short Circuit Current Rating (with specific conditions) | | | |
| Rated voltage | | 800 V | 600 V |
| Impulse withstand voltage | | | |
| Protection | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.443 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | RoHS | USR CNR | CSA | EAC

### Accessories

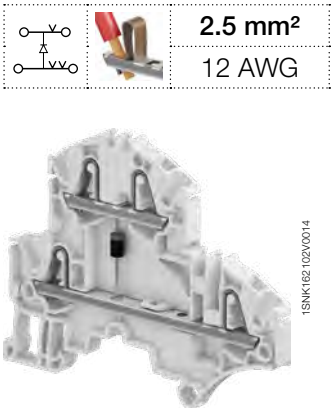
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |
| 3 | Jumper bars | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | Test connectors | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | Shield connectors | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | Label holders | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | Terminal block markers | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162066S0201

Technical data valid for copper conductors only.

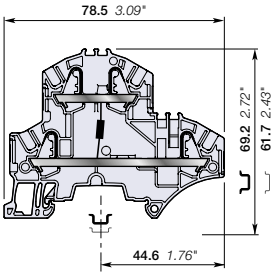
# ZK2.5-D-CH-DU PI-Spring terminal blocks
## Component holder - 5.2 mm 0.205 in spacing



| | |
|---|---|
| 2.5 mm² | |
| 12 AWG | |

1SNK162102V0014

ZK2.5-D-CH




**5.2 mm** 0.205 in spacing

### Description

Protect your circuit with one 1N4007 diode.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Component holder | Grey | ZK2.5-D-CH-DU | 1SNK705214R0000 | | 50 | 11.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| 2 conductors per clamp | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| Rated current / Rated cross section | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| Rated short-time withstand current (1s) | | 300 A | |
| Short Circuit Current Rating (with specific conditions) | | | |
| Rated voltage | | 800 V | 600 V |
| Impulse withstand voltage | | | |
| Protection | | IP20 | NEMA 1 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS USR CNR CSA EAC

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.443 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |
| 3 | Jumper bars | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | Test connectors | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | Shield connectors | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | Label holders | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | Terminal block markers | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

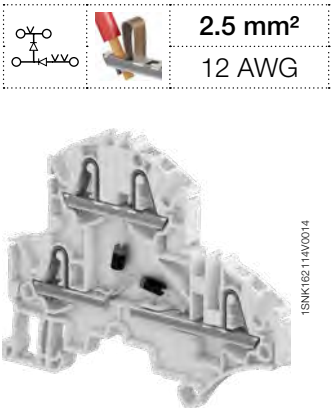
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162067S0201

Technical data valid for copper conductors only.

# ZK2.5-D-CH2-DU-RL PI-Spring terminal blocks

## Component holder - 5.2 mm 0.205 in spacing

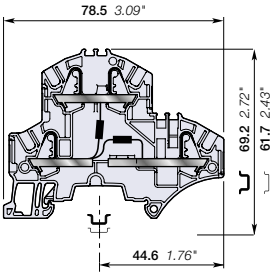


| | |
|---|---|
| 2.5 mm² | |
| 12 AWG | |



1SNK162114V0014

ZK2.5-D-CH2




**5.2 mm** 0.205 in spacing

### Description

- Protect your circuit with 1N4007 diodes;
- Convenient identification of the diodes orientation on the terminal block front side.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Component holder | Grey | ZK2.5-D-CH2-DU-RL | 1SNK705219R0000 | | 50 | 11.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| 2 conductors per clamp | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| Rated current / Rated cross section | | 1 A / 2.5 mm² | / 12 AWG |
| Rated short-time withstand current (1s) | | | |
| Short Circuit Current Rating (with specific conditions) | | | |
| Rated voltage | | 800 V | 600 V |
| Impulse withstand voltage | | | |
| Protection | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.443 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS EAC

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | End sections | 2 mm | 0.079 in | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |
| 3 | Jumper bars | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | Test connectors | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | Shield connectors | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | Terminal block markers | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK162073S0201

Technical data valid for copper conductors only.

# SNK series, terminal blocks
## Screw clamp technology

| | | | |
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| Technologies presentation | | | 72 |
| Overview | | | 76 |

**Feed-through**

| | | | |
|---|---|---|---|
| 4 mm² / 12 AWG | **ZS4** | | 80 |
| 6 mm² / 10 AWG | **ZS6** | | 81 |
| | **ZS6-3S** and **ZS6-4S** | with 3 and 4 connections | 82-83 |
| 10 mm² / 6 AWG | **ZS10** | | 84 |
| 16 mm² / 4 AWG | **ZS16** | | 85 |
| 25 mm² / 3 AWG | **ZS25** | | 86 |
| 35 mm² / 0 AWG | **ZS35** | | 87 |
| 50 mm² / 0 AWG | **ZS50** | | 88 |
| 70 mm² / 00 AWG | **ZS70** | | 89 |
| 95 mm² / 0000 AWG | **ZS95** | | 90 |
| 150 mm² / 350 Kcmil | **ZS150** | | 91 |
| 240 mm² / 240 Kcmil | **ZS240** | | 92 |

**Ground**

| | | | |
|---|---|---|---|
| 4 mm² / 12 AWG | **ZS4-PE** | | 93 |
| 6 mm² / 10 AWG | **ZS6-PE** | | 94 |
| | **ZS6-3S-PE** and **ZS6-4S-PE** | with 3 and 4 connections | 95-96 |
| 10 mm² / 6 AWG | **ZS10-PE** | | 97 |
| 16 mm² / 4 AWG | **ZS16-PE** | | 98 |
| 25 mm² / 3 AWG | **ZS25-PE** | | 99 |
| 35 mm² / 2 AWG | **ZS35-PE** | | 100 |
| 35 mm² | **ZS35-PEN** | + neutral | 101 |
| 50 mm² / 0 AWG | **ZS50-PE** | | 102 |
| 70 mm² / 00 AWG | **ZS70-PE** | | 103 |
| 95 mm² / 0000 AWG | **ZS95-PE** | | 104 |

**Disconnect with blade**

| | | | |
|---|---|---|---|
| 4 mm² / 10 AWG | **ZS4-S**, **ZS4-S-T**, **ZS4-S-R1** and **ZS4-S-T-R1** | with test | 105-108 |
| 6 mm² / 10 AWG | **ZS6-S** and **ZS6-S-4S-T** | with test | 109-110 |
| 10 mm² / 6 AWG | **ZS10-S** | | 111 |

**Disconnect with plug**

| | | | |
|---|---|---|---|
| 4 mm² / 10 AWG | **ZS4-SP**, **ZS4-SP-T2**, **ZS4-SP-R1** and **ZS4-SP-T2-R1** | with test | 112-115 |
| 10 mm² / 6 AWG | **ZS10-SP** | | 116 |

| | | | |
|---|---|---|---|
| Fuse and marshalling cabinets application overview | | | 118 |

**For 5x20 and 5x25 mm fuses**

| | | | |
|---|---|---|---|
| 4 mm² / 10 AWG | **ZS4-SF1** and **ZS4-SF1-T** | with test | 120-121 |
| | **ZS4-SF1-R** | with fuse indicator and test | 122-123 |
| | **ZS4-R1** | feed-through | 124 |
| | **ZS4-S-R3** | disconnect with lever | 125 |

**For 5x20 mm fuses and marshalling cabinets application**

| | | | |
|---|---|---|---|
| 4 mm² / 10 AWG | **ZS4-SF** | | 126 |
| | **ZS4-SF-T** | with test | 127 |
| | **ZS4-SF-R** | with fuse indicator and test | 128-129 |
| | **ZS4-R2** | feed-through | 130 |
| | **ZS4-PE-R2** | ground | 131 |
| | **ZS4-S-R2** | disconnect with lever | 132 |

**For 6.3x32 mm fuses** (¼ x 1¼ in)

| | | | |
|---|---|---|---|
| 10 mm² / 6 AWG | **ZS10-SF** | | 133 |
| | **ZS10-SF-R** | with fuse indicator | 134 |
| | **ZS10-S-R2** | disconnect with lever | 135 |

**Double deck**

| | | | |
|---|---|---|---|
| 4 mm² / 12 AWG | **ZS4-D2** and **ZS4-D1** | 2 and 1 feed-through circuits | 136-137 |
| 6 mm² / 10 AWG | **ZS6-D2** and **ZS6-D1** | 2 and 1 feed-through circuits | 138-139 |
| | **ZS6-D2-PE** | 1 feed-through circuit and 1 ground circuit | 140 |
| | **ZS6-D1-PE** | 1 ground circuit | 141 |
| 4 mm² / 10 AWG | **ZS4-D2-S** | 1 disconnect circuit and 1 feed-through circuit | 142 |
| | **ZS4-D2-S-T** | 1 disconnect circuit + test and 1 feed-through circuit | 143 |
| | **ZS4-D2-SF1** | 1 fuse circuit and 1 feed-through circuit | 144 |
| | **ZS4-D2-SF1-R** | 1 fuse circuit + fuse indicator and 1 feed-through circuit | 145 |

**Triple deck**

| | | | |
|---|---|---|---|
| 4 mm² / 12 AWG | **ZS4-T3** | 3 feed-through circuits | 146 |
| 4 mm² / 10 AWG | **ZS4-T3-R1** | 3 feed-through circuits | 147 |

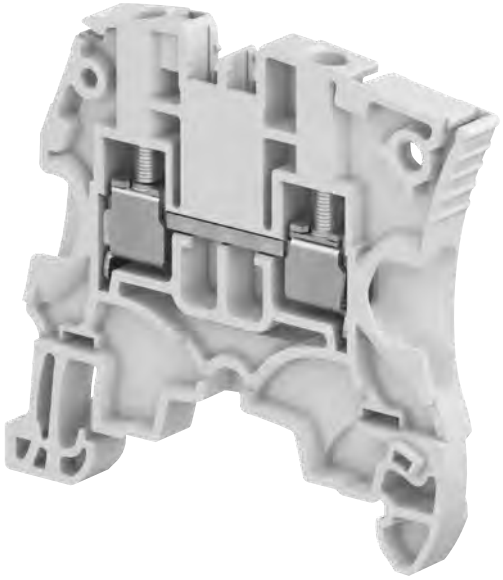
**Component holder**

| | | | |
|---|---|---|---|
| 4 mm² / 12 AWG | **ZS4-D-CH-UD** and **ZS4-D-CH-DU** | | 148-149 |

**Test and measurement**

| | | | |
|---|---|---|---|
| Overview | | | 150 |
| 10 mm² / 6 AWG | **ZS10-ST** | | 154 |
| | **ZS10-ST-1** | for Potential Transformer circuits | 155 |
| | **ZS10-ST-T4** | for Current Transformer circuits | 156 |
| | **ZS10-R1** | feed-through | 157 |
| | **ZS10-PE-R1** | ground | 158 |

TE Connectivity screw clamp technology benefits from 60 years of experience.

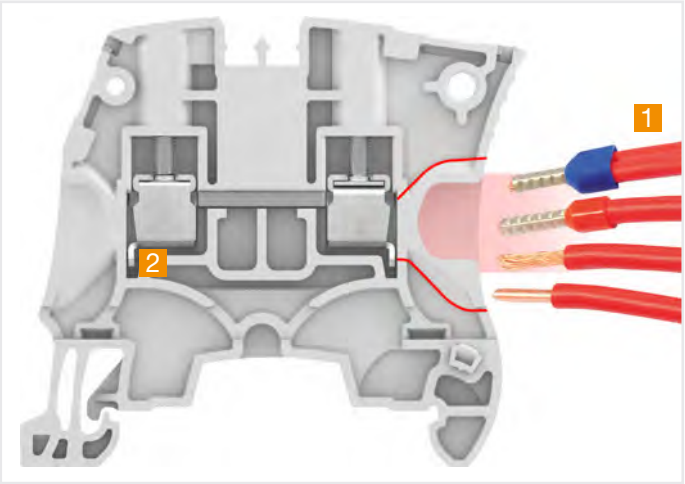




## Speed up your projects

### An optimized conductor guiding

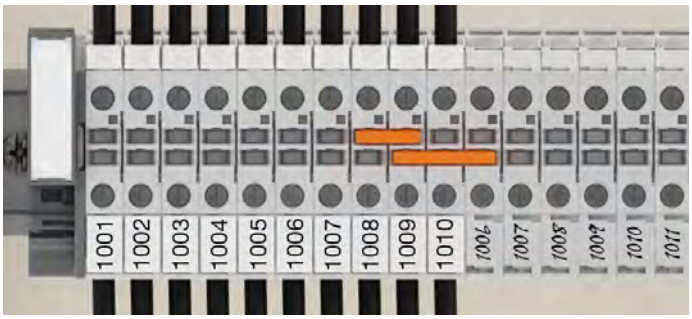
Smooth connection process up to 2 conductors with or without ferrules thanks to funnel entry shape.
Also perfectly adapted to double ferrule shape 1
Security: flap avoiding the insertion of cable underneath the clamp 2.




**Engineered conductor entry**

### Better project identification

- Circuit identification is improved thanks to the 20% larger marking area
- Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting
- Spare markers re-printing in case of modifications.



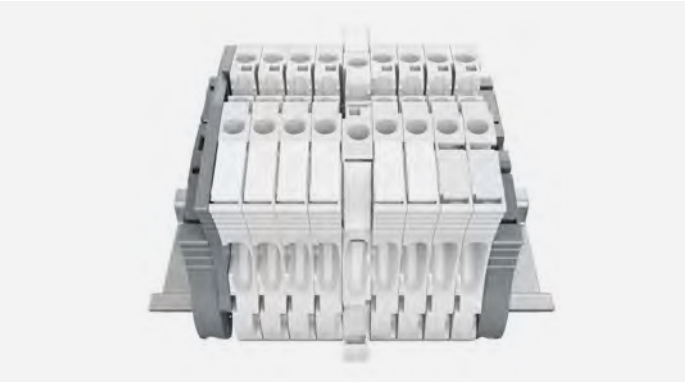

**Clear circuit identification**

1SNK161092S0201

## Easy to install

**Smart design facilitating assembly process.**
Mounting, wiring, testing… made easy.

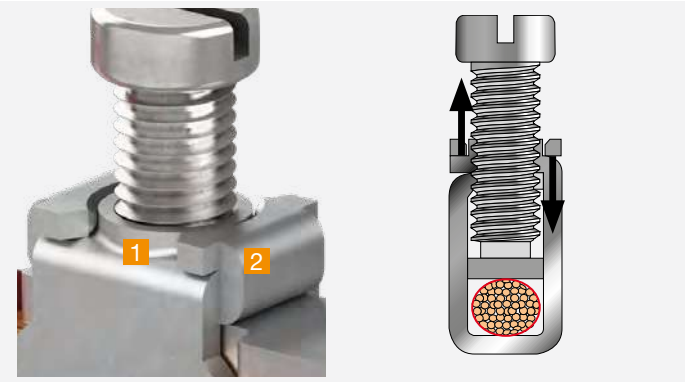
Avoid mounting and wiring errors: asymmetrical design allows immediate visual check in case of reversed terminal blocks.



Asymmetrical design avoids mounting error



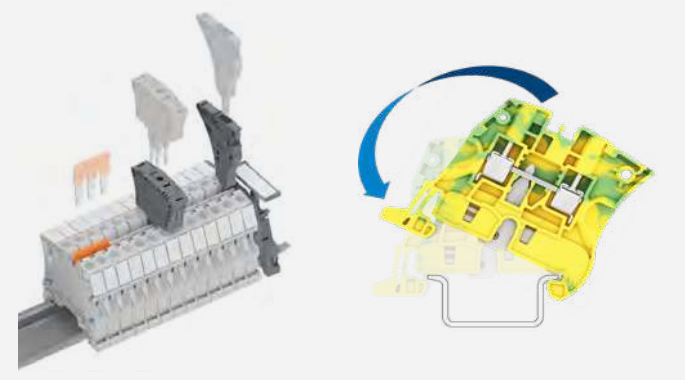
**Minimize retightening campaigns**
High torque resistance : the clamp is punched to increase the number of threads in contact by 30 % 1.
The TE Connectivity exclusive anti-release system creates a controlled locking-screw effect reinforced by the 2 overlapping tabs that maintain the clamp parts 2.




High torque resistance

Anti-release system

**Faster accessories mounting**
Save up to 70% mounting time thanks to screwless accessories: jumpers, component plugs, test devices, end stops and snap-in ground terminal blocks.



Screwless accessories

Snap-in ground terminal block for rapid installation

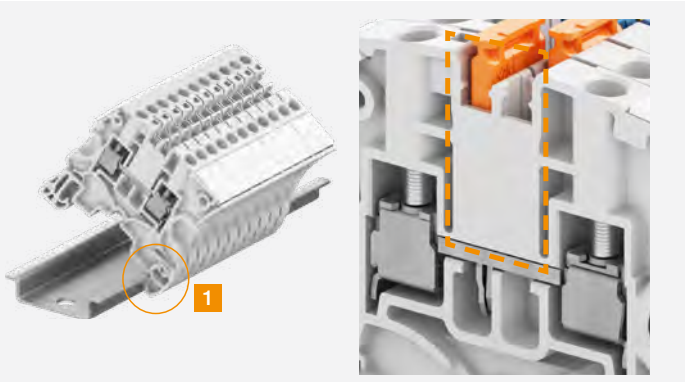
1SNK161092S0201

## Easy to install

**Smart design facilitating assembly process.**
Mounting, wiring, testing… made easy.

Locking pin 1 allows quick and easy lock up to ten blocks in position at a time.

Closed jumper location allows great stiffness of the terminal block, optimal jumper guiding and avoids deflections while tightening.




Lock up to ten blocks in position at a time

Closed jumper location for stiffness

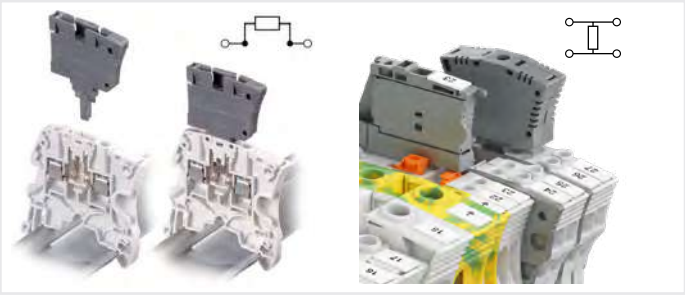


**Smart accessories**
Flexible test solutions from individual insulated test adapter to test connectors for complete assemblies testing.
- Direct plug-in into jumpers channels
- 5, 6, 8 mm spacing, mixing various spacing is possible
- 1000 V rating.

Component holder plugs for series or parallel component mounting (resistors, filters, diodes..).
Can be installed after wiring.
Series plug offers screwless component connection (no soldering).

Plug-in individual test adapter

Plug-in test connector



Series plug associated with disconnect blocks

Parallel plug to be installed between 2 blocks

**Smart plug-in jumpers:**
Pre-cut poles removable by hand: clean cut.
Insulated up to 1000 V (avoid use of separators).
Predefined shapes in molding to easily identify connected poles with a pen.

Pre-cut poles easy removable by hand

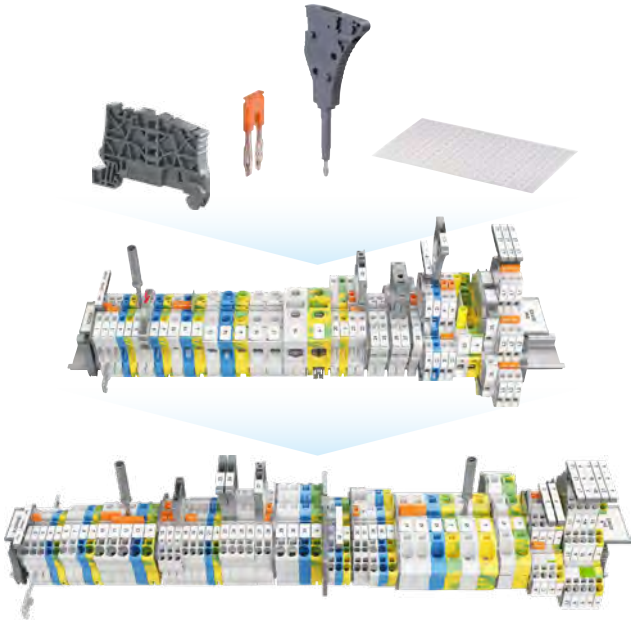
Predefined shape to identify connected poles

1SNK161092S0201

## Optimized logistics

### Reduce your accessories inventory by up to 50%

SNK PI-Spring, screw and pluggable ranges share the same accessories.
Reduced packaging adapted to the usage
(20 items packaging for some references).



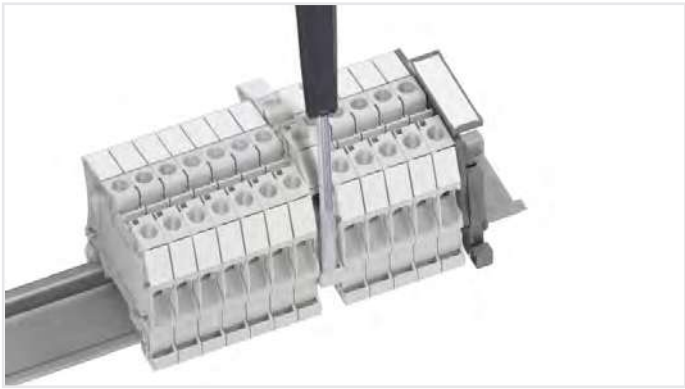
**Shared accessories for SNK PI-Spring, screw and pluggable ranges**

All end sections and circuit separators fit several types and sizes of blocks.

**Stock only one end section for managing your assembly up to 240 mm²**

### Facilitate maintenance operations

Terminals can be individually removed from a terminal assembly equipped with markers:
TE Connectivity markers become independent after strip mounting, TE Connectivity markers remain on terminal in any situation.



**Maintenance operations facilitated**

### Reliable in harsh conditions

Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion…

1SNK161092S0201

## 2 Connections

**Single deck**
Feed-through
Ground
Disconnect
Fuse

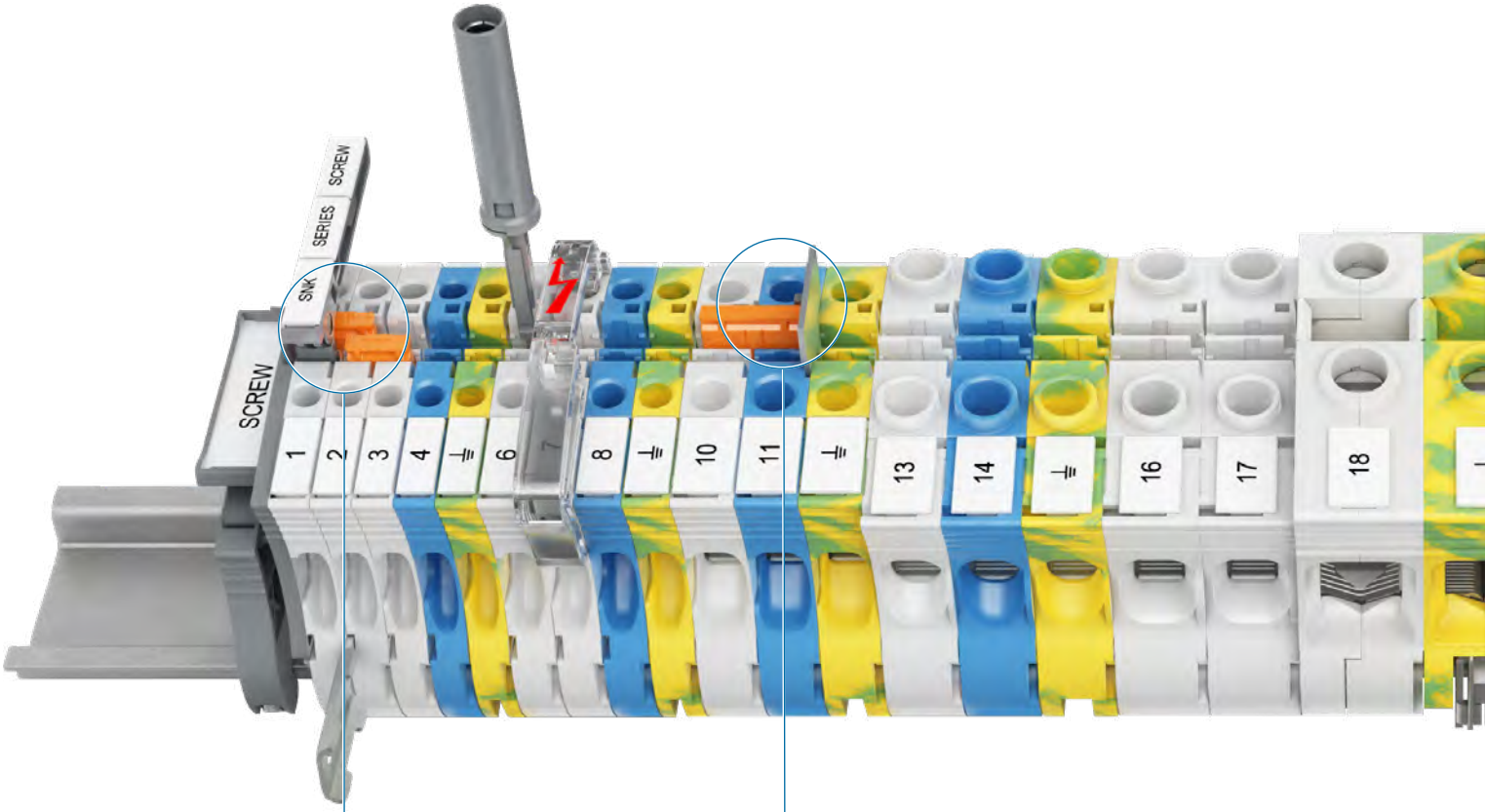
## 3 Connections

**Single deck**
Feed-through
Ground

## 4 Connections

**Single deck**
Feed-through
Ground
Disconnect






**Double central channels**
allows multiconfigurations (jumpering, testing and measuring)

**Circuit separator**
without spacing loss

## 2x2 Connections

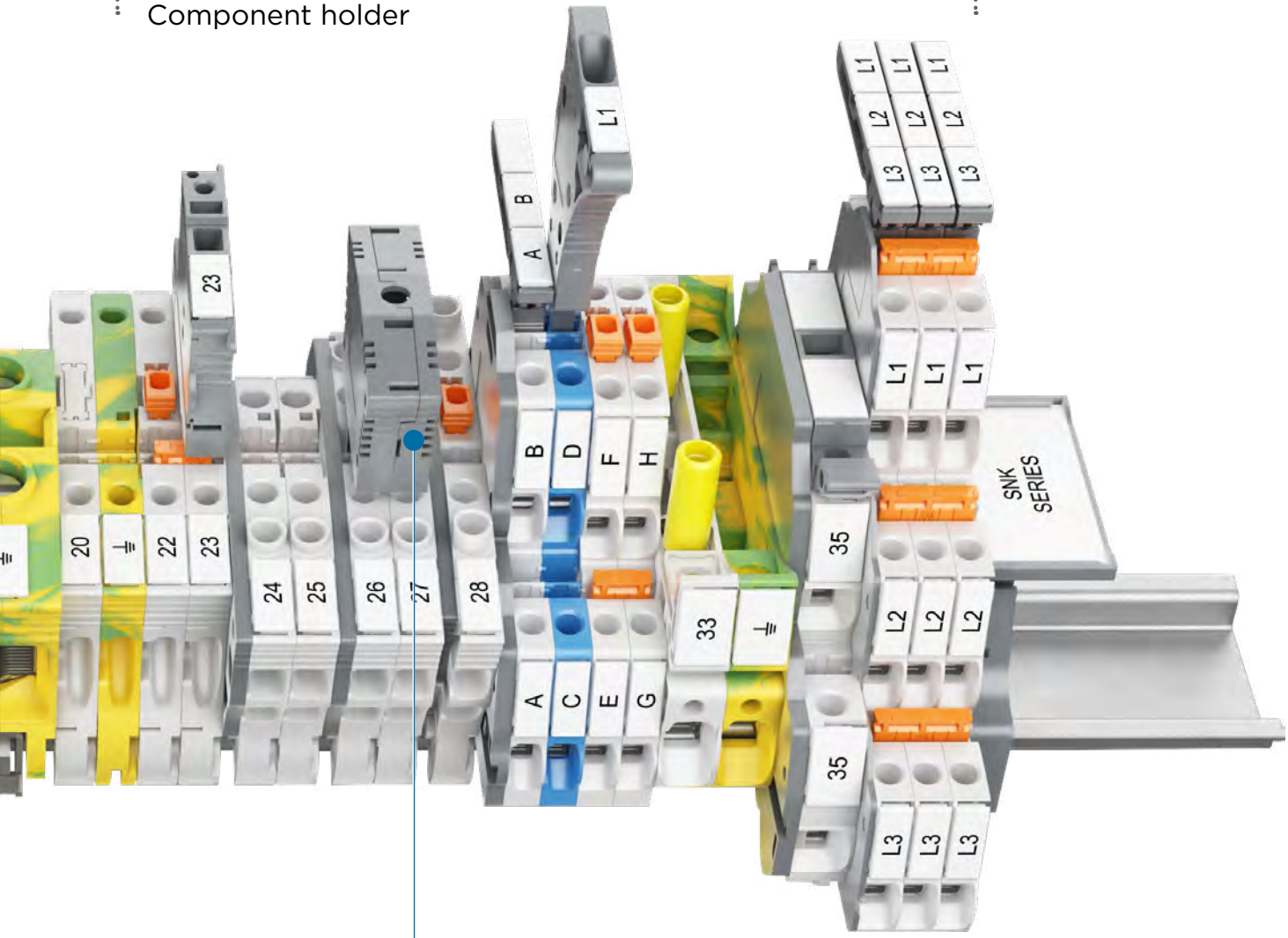
**Double deck**
Feed-through
Ground
Disconnect
Fuse
Component holder

## 2 Connections

**Test and measurement**
Feed-through
Ground
Disconnect

## 3x2 Connections

**Triple deck**
Feed-through




**Plug**
component holder

1SNK161089S0201

# SNK series, terminal blocks
## Screw clamp technology

| Section | | Feed-through | | | | | Ground | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm² | 12 AWG | ZS4 | | | | | ZS4-PE | | | |
| | 10 AWG | | | | | | | | | |
| 6 mm² | 10 AWG | ZS6 | ZS6-3S | ZS6-4S | | | ZS6-PE | ZS6-3S-PE | ZS6-4S-PE | |
| 10 mm² | 6 AWG | ZS10 | | | | | ZS10-PE | | | |
| 16 mm² | 4 AWG | ZS16 | | | | | ZS16-PE | | | |
| 25 mm² | 3 AWG | ZS25 | | | | | ZS25-PE | | | |
| 35 mm² | 0 AWG | | | | ZS35 | | | | | |
| | 2 AWG | | | | | | | | | ZS35-PE |
| 50 mm² | 0 AWG | | | | ZS50 | | | | | ZS50-PE |
| 70 mm² | 00 AWG | | | | ZS70 | | | | | ZS70-PE |
| 95 mm² | 0000 AWG | | | | ZS95 | | | | | ZS95-PE |
| 150 mm² | 350 Kcmil | | | | | ZS150 | | | | |
| 240 mm² | 500 Kcmil | | | | | ZS240 | | | | |

| Section | | Disconnect with blade | | | | | Disconnect with plug | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm² | 10 AWG | ZS4-S | ZS4-S-T2 | | ZS4-S-R1 | ZS4-S-T2-R1 | ZS4-SP | ZS4-SP-T2 | ZS4-SP-R1 | ZS4-SP-T2-R1 |
| | | | | | | ZS4-S-T2.3-R1 | | | | |
| 6 mm² | 10 AWG | ZS6-S | | ZS6-S-4S-T2 | | | | | | |
| 10 mm² | 6 AWG | ZS10-S | | | | | ZS10-SP | | | |

| Section | | For 5 x 20 mm fuses | | | | Aligned for marshalling cabinets application | | | For 6.3 x 32 mm fuses (¼ x 1¼ in) | | Aligned |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 mm² | 10 AWG | ZS4-SF | ZS4-SF-T2 | ZS4-SF-R1 | ZS4-SF-R2 | ZS4-R2 | ZS4-PE-R2 | ZS4-S-R2 | | | |
| | | | | ZS4-SF-R3 | ZS4-SF-R4 | | | | | | |
| 10 mm² | 6 AWG | | | | | | | | ZS10-SF | ZS10-SF-R1 | ZS10-S-R2 |
| | | | | | | | | | | ZS10-SF-R3 | |

Clamp - Channels for jumpering or testing - Test socket - Blown-fuse indicator

1SNK161066S0201

| Double deck | | | | | | | | | | Triple deck |
|---|---|---|---|---|---|---|---|---|---|---|
| Feed-through | | Ground | | Disconnect with blade | | For 5 x 20 mm and 5 x 25 mm fuses | | Component holder | | Feed-through |
| ZS4-D2 | ZS4-D1 | | | | | | | ZS4-D-CH-UD | ZS4-D-CH-DU | ZS4-T3 |
| | | | | ZS4-D2-S | ZS4-D2-S-T2 | ZS4-D2-SF1 | ZS4-D2-SF1-R1 | | | ZS4-T3-R1 |
| | | | | | | | ZS4-D2-SF-R3 | | | |
| ZS6-D2 | ZS6-D1 | ZS6-D2-PE | ZS6-D1-PE | | | | | | | |

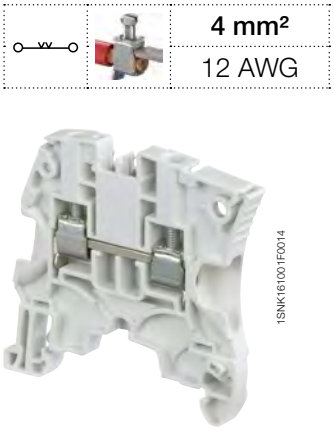
| Test & measurement | | | |
|---|---|---|---|
| Test disconnect with sliding link | | Aligned with ZS10-ST | |
| ZS10-ST | ZS10-ST-T4 | ZS10-R1 | ZS10-PE-R1 |
| | ZS10-ST-1 | | |

| For 5 x 20 mm and 5 x 25 mm fuses | | | | Feed-through aligned with ZS4-SF1 | |
|---|---|---|---|---|---|
| ZS4-SF1 | ZS4-SF1-T2 | ZS4-SF1-R1 | ZS4-SF1-R2 | ZS4-R1 | ZS4-S-R3 |
| | | ZS4-SF1-R3 | ZS4-SF1-R4 | | |

1SNK161066S0201

# ZS4 screw clamp terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing

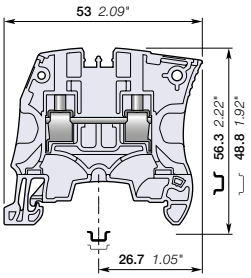


| 4 mm² |
|---|
| 12 AWG |



1SNK161001F0014

ZS4




**5.2 mm** 0.205 in spacing

### Description

- Save space by connecting conductors up to 4 mm² (without insulated ferrule, CB certified) 12 AWG in just 5.2 mm 0.205 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Feed-through | Grey | ZS4 | 1SNK505010R0000 | | 50 | 8.80 |
| | Blue | ZS4-BL | 1SNK505020R0000 | | 50 | 8.80 |
| | Orange | ZS4-OR | 1SNK505030R0000 | | 50 | 8.80 |
| | Yellow | ZS4-YL | 1SNK505060R0000 | | 50 | 8.80 |
| | Green | ZS4-GN | 1SNK505061R0000 | | 50 | 8.80 |
| | Red | ZS4-RD | 1SNK505062R0000 | | 50 | 8.80 |
| | Purple | ZS4-PR | 1SNK505063R0000 | | 50 | 8.80 |
| | Brown | ZS4-BR | 1SNK505064R0000 | | 50 | 8.80 |
| | White | ZS4-WH | 1SNK505065R0000 | | 50 | 8.80 |
| | Black | ZS4-BK | 1SNK505066R0000 | | 50 | 8.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| Rated current / Rated cross section | | 32 A / 4 mm² | 20 A / 12 AWG |
| Rated short-time withstand current (1s) | | 480 A | |
| Short Circuit Current Rating (with specific conditions) | | | 100 kA |
| Rated voltage | | 1000 V | 600 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |
| Increased safety Ex e | | 693 V 32 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 20 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

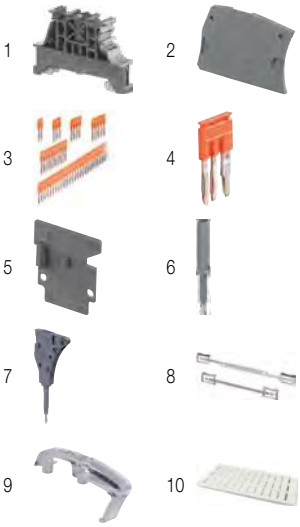
### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Accessories



| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | End sections | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | Jumper bars | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | Cross spacing jumpers | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | Circuit separators | 0 mm | 0 in | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |
| | | 3 mm | 0.118 in | | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 6 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | Test connectors | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | Shield connectors | | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| 9 | Protecting covers | 5.2 mm 0.205 in spacing | | Transparent | PL5 | 1SNK900618R0000 | | 10 | 1.50 |
| 10 | Terminal block markers | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

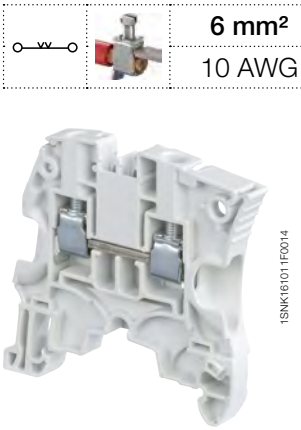
### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | Profile aligned with ZS4 | Green-yellow | ZS4-PE | 1SNK505150R0000 | | 20 | 12.10 |

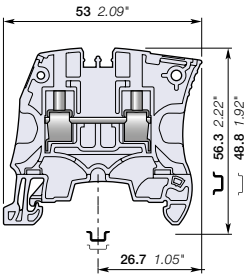
1SNK161001S0201

Technical data valid for copper conductors only.

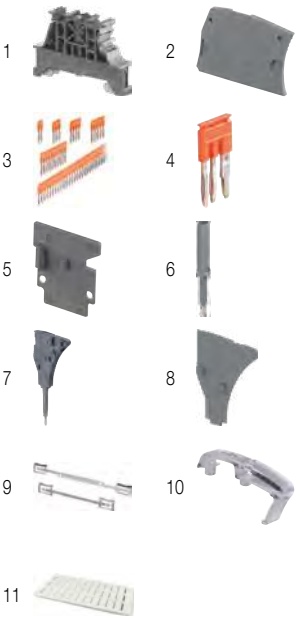
# ZS6 screw clamp terminal blocks
## Feed-through - 6 mm 0.236 in spacing

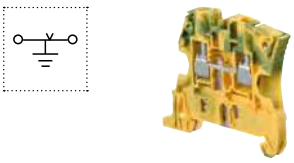



ZS6




**6 mm** 0.236 in spacing



| 6 mm² |
|---|
| 10 AWG |

### Description

Save space by connecting conductors up to 6 mm² (without insulated ferrule, CB certified) 10 AWG in just 6 mm 0.236 in spacing,

– Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Feed-through** | Grey | ZS6 | 1SNK506010R0000 | | 50 | 10.60 |
| | Blue | ZS6-BL | 1SNK506020R0000 | | 50 | 10.60 |
| | Orange | ZS6-OR | 1SNK506030R0000 | | 50 | 10.60 |
| | Yellow | ZS6-YL | 1SNK506060R0000 | | 50 | 10.60 |
| | Green | ZS6-GN | 1SNK506061R0000 | | 50 | 10.60 |
| | Red | ZS6-RD | 1SNK506062R0000 | | 50 | 10.60 |
| | Purple | ZS6-PR | 1SNK506063R0000 | | 50 | 10.60 |
| | Brown | ZS6-BR | 1SNK506064R0000 | | 50 | 10.60 |
| | White | ZS6-WH | 1SNK506065R0000 | | 50 | 10.60 |
| | Black | ZS6-BK | 1SNK506066R0000 | | 50 | 10.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.2 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 41 A / 6 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 41 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 30 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 0 mm | 0 in | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |
| | | 3 mm | 0.118 in | | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 9 | **Shield connectors** | | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| 10 | **Protecting covers** | 6 mm 0.236 in spacing | | Transparent | PL6 | 1SNK900619R0000 | | 10 | 1.80 |
| 11 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZS6 | Green-yellow | ZS6-PE | 1SNK506150R0000 | | 20 | 13.70 |

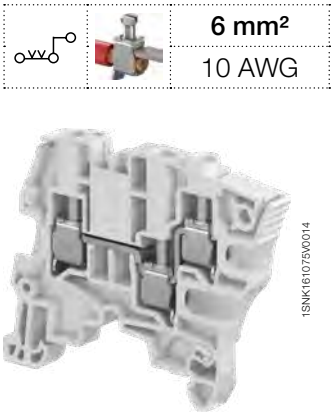
Technical data valid for copper conductors only.

1SNK161008S0201

3

# ZS6-3S screw clamp terminal blocks

## Feed-through with 3 connections - 6 mm 0.236 in spacing

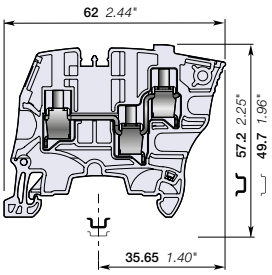


6 mm²
10 AWG



1SNK161075V0014

ZS6-3S




**6 mm** 0.236 in spacing

### Description

- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp,
- These blocks offer a high density connecting capacity (up to 3 connections) in a low profile and just 6 mm 0.236 in spacing.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Feed-through | Grey | ZS6-3S | 1SNK506011R0000 | | 50 | 11.80 |
| | Blue | ZS6-3S-BL | 1SNK506021R0000 | | 50 | 11.80 |
| | Yellow | ZS6-3S-YL | 1SNK506067R0000 | | 50 | 11.80 |

### Main technical data

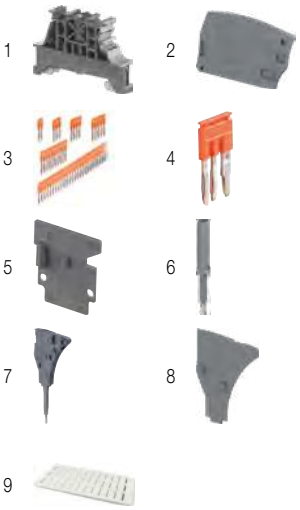
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| Rated current / Rated cross section | | 32 A / 4 mm² | 30 A / 10 AWG |
| Maximum current / Maximum cross section | | 39 A / 6 mm² | |
| Rated short-time withstand current (1s) | | 480 A | |
| Short Circuit Current Rating (with specific conditions) | | | 100 kA |
| Rated voltage | | 800 V | 600 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |
| Increased safety Ex e | | 550 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 30 A | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.75 Nm ± 0.05 6.64 lb.in ± 0.443 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | End sections | 2.2 mm | 0.087 in | Dark grey | ES6-3S | 1SNK505912R0000 | | 20 | 2.50 |
| 3 | Jumper bars | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | Cross spacing jumpers | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | Circuit separators | 0 mm | 0 in | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |
| | | 3 mm | 0.118 in | | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 6 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | Test connectors | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | Spacers | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 9 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground screw clamp terminal blocks

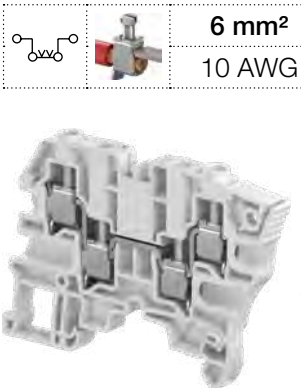
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | Profile aligned with ZS6-3S | Green-yellow | ZS6-3S-PE | 1SNK506151R0000 | | 25 | 16.20 |

1SNK161067S0201

Technical data valid for copper conductors only.

# ZS6-4S screw clamp terminal blocks

## Feed-through with 4 connections - 6 mm 0.236 in spacing

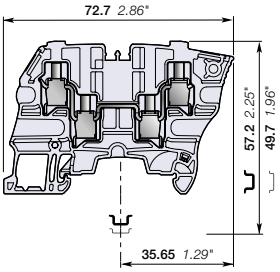


6 mm²
10 AWG



1SNK161078V0014

ZS6-4S




**6 mm** 0.236 in spacing

### Description

- High density wiring (one potential distribution on 4 independent screw clamps) in a very low profile and just 6 mm 0.236 in spacing,
- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Feed-through | Grey | ZS6-4S | 1SNK506012R0000 | | 50 | 15.00 |
| | Blue | ZS6-4S-BL | 1SNK506022R0000 | | 50 | 15.00 |
| | Yellow | ZS6-4S-YL | 1SNK506068R0000 | | 50 | 15.00 |

### Main technical data

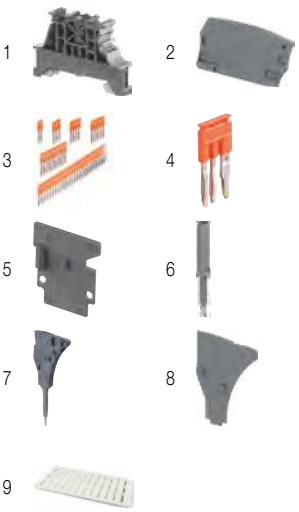
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| Rated current / Rated cross section | | 32 A / 4 mm² | 30 A / 10 AWG |
| Maximum current / Maximum cross section | | 39 A / 6 mm² | |
| Rated short-time withstand current (1s) | | 480 A | |
| Short Circuit Current Rating (with specific conditions) | | | 100 kA |
| Rated voltage | | 800 V | 600 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |
| Increased safety Ex e | | 550 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 30 A | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.75 Nm ± 0.05 6.64 lb.in ± 0.443 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

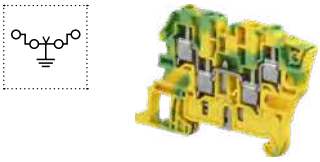
CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | End sections | 2.2 mm | 0.087 in | Dark grey | ES6-4S | 1SNK505911R0000 | | 20 | 3.10 |
| 3 | Jumper bars | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | Cross spacing jumpers | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | Circuit separators | 0 mm | 0 in | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |
| | | 3 mm | 0.118 in | | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 6 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | Test connectors | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | Spacers | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 9 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



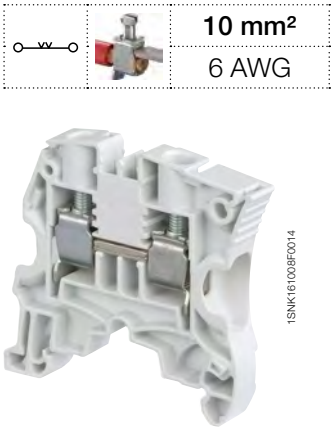
### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | Profile aligned with ZS6-4S | Green-yellow | ZS6-4S-PE | 1SNK506152R0000 | | 25 | 19.40 |

1SNK161068S0201

Technical data valid for copper conductors only.

# ZS10 screw clamp terminal blocks
## Feed-through - 8 mm 0.315 in spacing

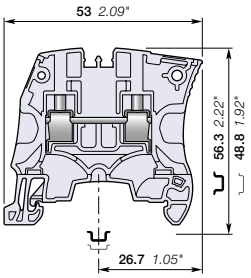


| | |
|---|---|
| 10 mm² | |
| 6 AWG | |



1SNK161009F0014

ZS10




**8 mm** 0.315 in spacing

### Description

- Save space by connecting conductors up to 10 mm² (without insulated ferrule, CB certified) 6 AWG in just 8 mm 0.315 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Feed-through | Grey | ZS10 | 1SNK508010R0000 | | 50 | 14.10 |
| | Blue | ZS10-BL | 1SNK508020R0000 | | 50 | 14.10 |
| | Orange | ZS10-OR | 1SNK508030R0000 | | 50 | 14.10 |
| | Yellow | ZS10-YL | 1SNK508060R0000 | | 50 | 14.10 |
| | Green | ZS10-GN | 1SNK508061R0000 | | 50 | 14.10 |
| | Red | ZS10-RD | 1SNK508062R0000 | | 50 | 14.10 |
| | Purple | ZS10-PR | 1SNK508063R0000 | | 50 | 14.10 |
| | Brown | ZS10-BR | 1SNK508064R0000 | | 50 | 14.10 |
| | White | ZS10-WH | 1SNK508065R0000 | | 50 | 14.10 |
| | Black | ZS10-BK | 1SNK508066R0000 | | 50 | 14.10 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| Rated current / Rated cross section | | 57 A / 10 mm² | 42 A / 6 AWG |
| Rated short-time withstand current (1s) | | 1200 A | |
| Short Circuit Current Rating (with specific conditions) | | | 100 kA |
| Rated voltage | | 1000 V | 600 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |
| Increased safety Ex e | | 693 V 57 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 42 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

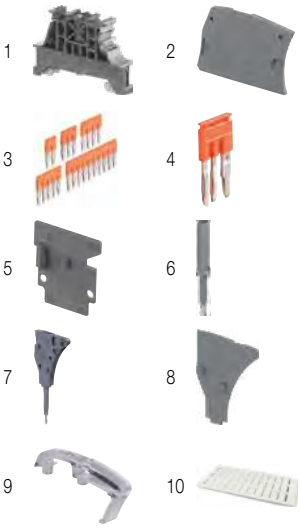
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12 mm 0.472 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

### Accessories




| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | End sections | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | Jumper bars | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 4 | Cross spacing jumpers | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | Circuit separators | 0 mm | 0 in | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |
| | | 3 mm | 0.118 in | | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 6 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | Test connectors | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | Spacers | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 9 | Protecting covers | 8 mm 0.315 in spacing | | Transparent | PL8 | 1SNK900620R0000 | | 10 | 2.60 |
| 10 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

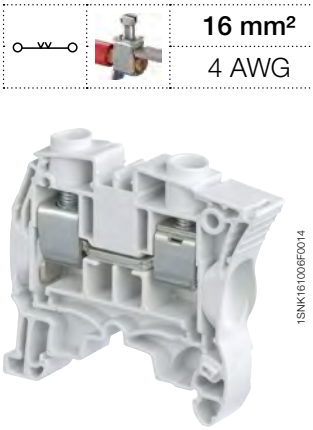
### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | Profile aligned with ZS10 | Green-yellow | ZS10-PE | 1SNK508150R0000 | | 20 | 22.50 |

1SNK161004S0201

Technical data valid for copper conductors only.

# ZS16 screw clamp terminal blocks
## Feed-through - 10 mm 0.394 in spacing

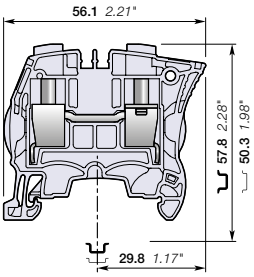


| | |
|---|---|
| 16 mm² | |
| 4 AWG | |



1SNK161006F0014

ZS16




**10 mm** 0.394 in spacing

### Description

- Save space by connecting conductors up to 16 mm² (without insulated ferrule, CB certified) 4 AWG in just 10 mm 0.394 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Feed-through | Grey | ZS16 | 1SNK510010R0000 | | 25 | 20.20 |
| | Blue | ZS16-BL | 1SNK510020R0000 | | 25 | 20.20 |
| | Orange | ZS16-OR | 1SNK510030R0000 | | 25 | 20.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 24 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 24 ... 4 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Gauge | A6-B6 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 20 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 6 mm² | |
| | Flexible with twin ferrule | 0.5 ... 6 mm² | 20 ... 10 AWG |
| Rated current / Rated cross section | | 76 A / 16 mm² | 67 A / 4 AWG |
| Rated short-time withstand current (1s) | | 1920 A | |
| Short Circuit Current Rating (with specific conditions) | | | 100 kA |
| Rated voltage | | 1000 V | 600 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |
| Increased safety Ex e | | 693 V 76 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 67 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

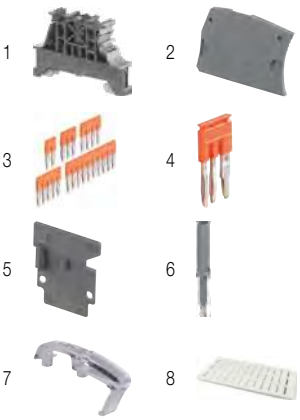
### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13.5 mm 0.531 in |
| Tool | Flat screwdriver Ø 5.5 mm Ø 0.217 in |
| Torque | 1.8 Nm ± 0.2 15.9 lb.in ± 1.77 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Accessories




| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | End sections | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | Jumper bars | 2 poles | 76 A (IEC) | Orange | JB10-2 | 1SNK910302R0000 | | 50 | 4.60 |
| | | 3 poles | 76 A (IEC) | | JB10-3 | 1SNK910303R0000 | | 50 | 7.10 |
| | | 4 poles | 76 A (IEC) | | JB10-4 | 1SNK910304R0000 | | 40 | 9.40 |
| | | 5 poles | 76 A (IEC) | | JB10-5 | 1SNK910305R0000 | | 30 | 12.00 |
| | | 10 poles | 76 A (IEC) | | JB10-10 | 1SNK910310R0000 | | 20 | 24.00 |
| 4 | Cross spacing jumpers | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | Circuit separators | 0 mm | 0 in | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |
| | | 3 mm | 0.118 in | | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 6 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | Protecting covers | 10 mm 0.394 in spacing | | Transparent | PL10 | 1SNK900621R0000 | | 10 | 3.10 |
| 8 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

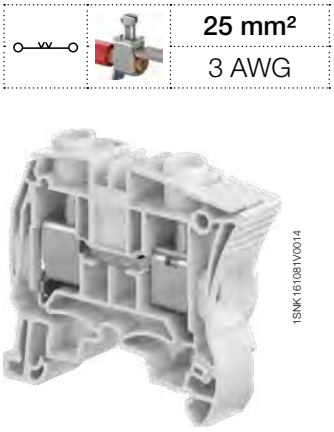
### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | Profile aligned with ZS16 | Green-yellow | ZS16-PE | 1SNK510150R0000 | | 20 | 32.00 |

1SNK161017S0201

Technical data valid for copper conductors only.

# ZS25 screw clamp terminal blocks
## Feed-through - 12 mm 0.472 in spacing

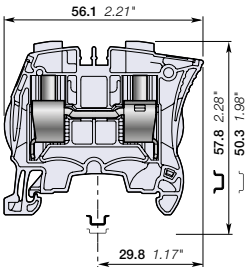


25 mm²
3 AWG



1SNK161081V0014

ZS25




**12 mm** 0.472 in spacing

### Description

- Save space by connecting conductors up to 25 mm² (without insulated ferrule, CB certified) 3 AWG in just 12 mm 0.472 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Feed-through | Grey | ZS25 | 1SNK512010R0000 | | 25 | 21.40 |
| | Blue | ZS25-BL | 1SNK512020R0000 | | 25 | 21.40 |
| | Yellow | ZS25-YL | 1SNK512060R0000 | | 25 | 21.40 |

### Main technical data

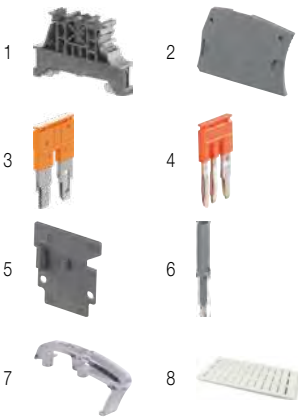
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 24 ... 3 AWG |
| | Flexible without ferrule | 0.5 ... 25 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 24 ... 4 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 24 ... 8 AWG |
| | Gauge | A6-B6 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 20 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with twin ferrule | 0.5 ... 10 mm² | 20 ... 10 AWG |
| Rated current / Rated cross section | | 76 A / 16 mm² | 100 A / 3 AWG |
| Maximum current / Maximum cross section | | 101 A / 25 mm² | |
| Rated short-time withstand current (1s) | | 1920 A | |
| Short Circuit Current Rating (with specific conditions) | | | 100 kA |
| Rated voltage | | 1000 V | 600 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |
| Increased safety Ex e | | 693 V 69 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 100 A | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13.5 mm 0.531 in |
| Tool | Flat screwdriver Ø 5.5 mm Ø 0.217 in |
| Torque | 1.8 Nm ± 0.2 15.9 lb.in ± 1.77 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | End sections | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | Jumper bars | 2 poles | 76 A (IEC) | Orange | JB12-2 | 1SNK912302R0000 | | 50 | 4.90 |
| | | 3 poles | 76 A (IEC) | | JB12-3 | 1SNK912303R0000 | | 50 | 7.60 |
| | | 5 poles | 76 A (IEC) | | JB12-5 | 1SNK912305R0000 | | 20 | 12.90 |
| 4 | Cross spacing jumpers | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | Circuit separators | 0 mm | 0 in | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |
| | | 3 mm | 0.118 in | | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 6 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | Protecting covers | 10 mm 0.394 in spacing | | Transparent | PL10 | 1SNK900621R0000 | | 10 | 3.10 |
| 8 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground screw clamp terminal blocks

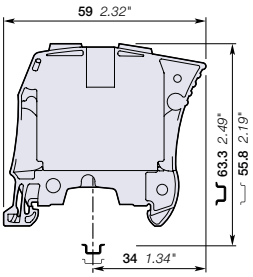
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Ground | Profile aligned with ZS25 | Green-yellow | ZS25-PE | 1SNK512150R0000 | | 20 | 38.00 |

1SNK161078S0201

Technical data valid for copper conductors only.

# ZS35 screw clamp terminal blocks
## Feed-through - 16 mm 0.630 in spacing

ZS35




**16 mm** 0.630 in spacing

| | |
|---|---|
| | **35 mm²** |
| | 0 AWG |

### Description

Closed terminal block:
- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Closed block | Grey | ZS35 | 1SNK516010R0000 | | 20 | 53.40 |
| | | Blue | ZS35-BL | 1SNK516020R0000 | | 20 | 53.40 |
| | | Orange | ZS35-OR | 1SNK516030R0000 | | 20 | 53.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 6 ... 35 mm² | 10 ... 0 AWG |
| | Flexible without ferrule | 6 ... 35 mm² | |
| | Flexible with non insulated ferrule | 4 ... 35 mm² | 10 ... 2 AWG |
| | Flexible with insulated ferrule | 4 ... 35 mm² | 10 ... 2 AWG |
| | Gauge | A9-B9 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 6 ... 16 mm² | 10 ... 6 AWG |
| | Flexible without ferrule | 6 ... 16 mm² | |
| | Flexible with twin ferrule | 4 ... 10 mm² | 12 ... 8 AWG |
| **Rated current / Rated cross section** | | 125 A / 35 mm² | 150 A / 0 AWG |
| **Rated short-time withstand current** (1s) | | 4200 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP10 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 125 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 150 A UL 60079-7 - Class I, Zone 1, AEx e II | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 17 mm 0.669 in |
| Tool | Flat screwdriver Ø 6.5 mm Ø 0.256 in |
| Torque | 2.9 Nm ± 0.1 25.7 lb.in ± 0.885 |

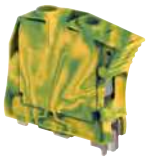
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Jumper bars** | 2 poles | 125 A (IEC) | Orange | JB16-2 | 1SNK916302R0000 | | 10 | 10.00 |
| | | 3 poles | 125 A (IEC) | | JB16-3 | 1SNK916303R0000 | | 10 | 16.00 |
| | | 4 poles | 125 A (IEC) | | JB16-4 | 1SNK916304R0000 | | 10 | 22.00 |
| | | 5 poles | 125 A (IEC) | | JB16-5 | 1SNK916305R0000 | | 10 | 28.00 |
| | | 10 poles | 125 A (IEC) | | JB16-10 | 1SNK916310R0000 | | 10 | 56.60 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Protecting covers** | 16 mm 0.630 in spacing | | Transparent | PL16 | 1SNK900622R0000 | | 10 | 4.60 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



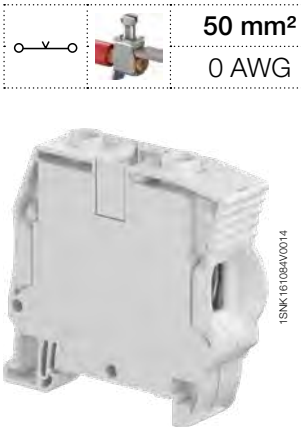
### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZS35 | Green-yellow | ZS35-PE | 1SNK516150R0000 | | 20 | 81.80 |

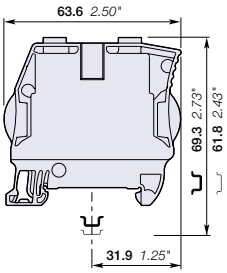
1SNK161019S0201

Technical data valid for copper conductors only.

# ZS50 screw clamp terminal blocks
## Feed-through - 16 mm 0.630 in spacing




ZS50




**16 mm** 0.630 in spacing

| | |
|---|---|
| | **50 mm²** |
| | 0 AWG |

### Description

Combine high performance with compact dimensions:
- Connect conductors up to 50 mm² (CB certified) 0 AWG in just 16 mm 0.630 in spacing,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL,
- Closed terminal block: no end section needed, optmized rigidity.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Closed block | Grey | ZS50 | 1SNK516011R0000 | | 20 | 52.90 |
| | | Blue | ZS50-BL | 1SNK516021R0000 | | 20 | 52.90 |
| | | Yellow | ZS50-YL | 1SNK516060R0000 | | 20 | 52.90 |
| | | Red | ZS50-RD | 1SNK516063R0000 | | 20 | 52.90 |
| | | Black | ZS50-BK | 1SNK516064R0000 | | 20 | 52.90 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 1 ... 50 mm² | 18 ... 0 AWG |
| | Flexible without ferrule | 1 ... 50 mm² | |
| | Flexible with non insulated ferrule | 1 ... 50 mm² | 18 ... 0 AWG |
| | Flexible with insulated ferrule | 1 ... 50 mm² | 18 ... 0 AWG |
| | Gauge | Dia.11 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 1 ... 25 mm² | 18 ... 4 AWG |
| | Flexible without ferrule | 1 ... 25 mm² | |
| | Flexible with twin ferrule | 1 ... 16 mm² | 18 ... 4 AWG |
| **Rated current / Rated cross section** | | 150 A / 50 mm² | 140 A / 0 AWG |
| **Rated short-time withstand current** (1s) | | 6000 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP10 | NEMA 1 |
| **Increased safety Ex e** | | 880 V 150 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 17 mm 0.669 in |
| Tool | Flat screwdriver Ø 6.5 mm Ø 0.256 in |
| Torque | 3 Nm ± 0.50 26.6 lb.in ± 4.43 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Jumper bars** | 2 poles | 125 A (IEC) | Orange | JB16-2 | 1SNK916302R0000 | | 10 | 10.00 |
| | | 3 poles | 125 A (IEC) | | JB16-3 | 1SNK916303R0000 | | 10 | 16.00 |
| | | 4 poles | 125 A (IEC) | | JB16-4 | 1SNK916304R0000 | | 10 | 22.00 |
| | | 5 poles | 125 A (IEC) | | JB16-5 | 1SNK916305R0000 | | 10 | 28.00 |
| | | 10 poles | 125 A (IEC) | | JB16-10 | 1SNK916310R0000 | | 10 | 56.60 |
| 3 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground screw clamp terminal blocks

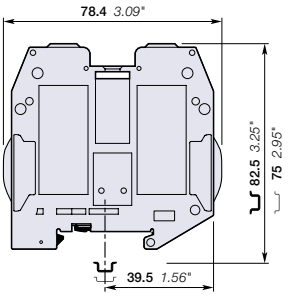
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZS50 | Green-yellow | ZS50-PE | 1SNK516151R0000 | | 20 | 83.00 |

1SNK161069S0201

Technical data valid for copper conductors only.

# ZS70 screw clamp terminal blocks
## Feed-through - 22 mm 0.866 in spacing

ZS70




**22 mm** 0.866 in spacing

| 70 mm² |
|---|
| 00 AWG |

### Description

Closed terminal block:
- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Closed block | Grey | ZS70 | 1SNK522010R0000 | | 10 | 158.10 |
| | | Blue | ZS70-BL | 1SNK522020R0000 | | 10 | 158.10 |
| | | Yellow | ZS70-YL | 1SNK522060R0000 | | 10 | 158.10 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 16 ... 95 mm² | 4 ... 00 AWG |
| | Flexible without ferrule | 16 ... 70 mm² | |
| | Flexible with non insulated ferrule | 16 ... 50 mm² | |
| | Flexible with insulated ferrule | 16 ... 50 mm² | |
| | Gauge | B11 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 16 ... 35 mm² | 4 ... 2 AWG |
| | Flexible without ferrule | 16 ... 35 mm² | |
| | Flexible with twin ferrule | 16 mm² | 6 AWG |
| **Rated current / Rated cross section** | | 192 A / 70 mm² | 159 A / 00 AWG |
| **Rated short-time withstand current** (1s) | | 8400 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP10 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 192 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 159 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 25 mm 0.984 in |
| Tool | | Allen key Ø 6 mm Ø 0.236 in |
| Torque | | 6.5 Nm ± 0.5 57.5 lb.in ± 4.43 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Accessories

1

2

3

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Jumper bars** | 2 poles | 192 A (IEC) | | JB22-2 | 1SNK922302R0000 | | 5 | 27.00 |
| | | 3 poles | 192 A (IEC) | | JB22-3 | 1SNK922303R0000 | | 5 | 43.30 |
| | | 5 poles | 192 A (IEC) | | JB22-5 | 1SNK922305R0000 | | 5 | 76.10 |
| | | 10 poles | 192 A (IEC) | | JB22-10 | 1SNK922310R0000 | | 5 | 157.40 |
| 3 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground screw clamp terminal blocks

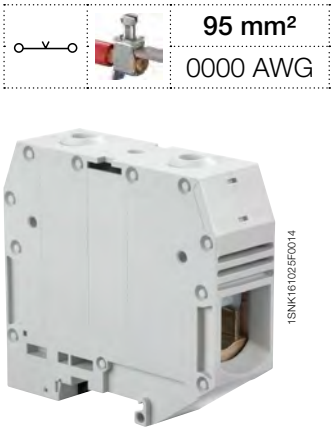
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZS70 | Green-yellow | ZS70-PE | 1SNK522150R0000 | | 10 | 222.00 |

Technical data valid for copper conductors only.

1SNK161021S0201

3

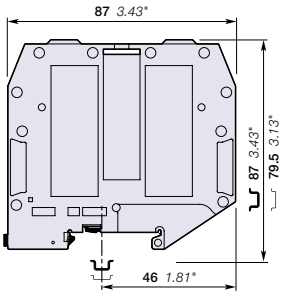
# ZS95 screw clamp terminal blocks
## Feed-through - 26 mm 1.024 in spacing







ZS95




**26 mm** 1.024 in spacing

### Description

Closed terminal block:
- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Closed block | Grey | ZS95 | 1SNK526010R0000 | | 10 | 215.10 |
| | | Blue | ZS95-BL | 1SNK526020R0000 | | 10 | 215.10 |
| | | Yellow | ZS95-YL | 1SNK526060R0000 | | 10 | 215.10 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 35 ... 120 mm² | 2 ... 0000 AWG |
| | Flexible without ferrule | 35 ... 95 mm² | |
| | Flexible with non insulated ferrule | 35 ... 50 mm² | |
| | Flexible with insulated ferrule | 35 ... 50 mm² | |
| | Gauge | B12 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 25 ... 35 mm² | 4 ... 2 AWG |
| | Flexible without ferrule | 25 ... 35 mm² | |
| | Flexible with twin ferrule | 16 mm² | 6 AWG |
| **Rated current / Rated cross section** | | 232 A / 95 mm² | 230 A / 0000 AWG |
| **Rated short-time withstand current** (1s) | | 11400 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 1000 V | 1000 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP10 | NEMA 1 |
| **Increased safety Ex e** | | 693 V 232 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 600 V 230 A UL 60079-7 - Class I, Zone 1, AEx e II | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 26 mm 1.024 in |
| Tool | | Allen key Ø 6 mm Ø 0.236 in |
| Torque | | 9.25 Nm ± 0.25 81.7 lb.in ± 2.21 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

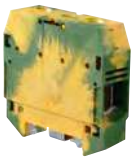
CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

1
2
3

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Jumper bars** | 2 poles | 232 A (IEC) | | JB26-2 | 1SNK926302R0000 | | 5 | 41.20 |
| | | 3 poles | 232 A (IEC) | | JB26-3 | 1SNK926303R0000 | | 5 | 65.70 |
| | | 5 poles | 232 A (IEC) | | JB26-5 | 1SNK926305R0000 | | 5 | 115.70 |
| | | 10 poles | 232 A (IEC) | | JB26-10 | 1SNK926310R0000 | | 5 | 241.50 |
| 3 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



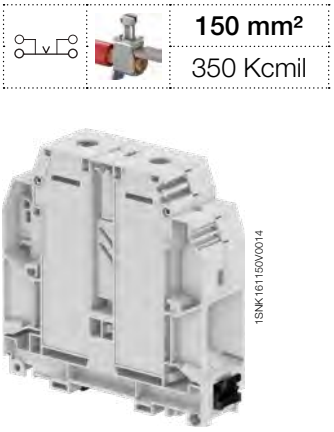
### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZS95 | Green-yellow | ZS95-PE | 1SNK526150R0000 | | 10 | 278.00 |

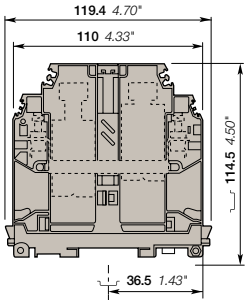
1SNK161023S0201

Technical data valid for copper conductors only.

# ZS150 screw clamp terminal blocks
## Feed-through - 31 mm 1.220 in spacing




ZS150




**31 mm** 1.220 in spacing

| | |
|---|---|
| **150 mm²** | |
| 350 Kcmil | |

### Description

- Perfectly adapted to solar applications : 1500V DC (1000V AC) IEC and 1000V UL,
- Closed terminal block: no end section needed, optimized rigidity,
- Ease your voltage monitoring or distribution with the 2 built-in derivations,
- Use of jumper bars requires the user to cut-out the partition.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Closed block with 2 x 10 mm² derivations. | Grey | ZS150 | 1SNK531010R0000 | | 5 | 318.00 |
| | | Blue | ZS150-BL | 1SNK531020R0000 | | 5 | 318.00 |
| | | Yellow | ZS150-YL | 1SNK531060R0000 | | 5 | 318.00 |

### Main technical data

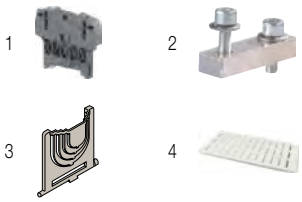
| Connecting capacity | | | IEC | UL | CSA |
|---|---|---|---|---|---|
| **Main circuit with 1 conductor per clamp** | Rigid: Solid/Stranded | | 35 ... 185 mm² | 2 ... 350 Kcmil | 2 ... 350 Kcmil |
| | Flexible without ferrule | | 50 ... 150 mm² | | |
| | Flexible with insulated ferrule | | | | |
| | Gauge | | B14 | | |
| **Derivation with 1 conductor per clamp** | Rigid: Solid/Stranded | | 0.5 ... 16 mm² | 20 ... 8 AWG | 20 ... 8 AWG |
| | Flexible without ferrule | | 0.5 ... 10 mm² | 20 ... 8 Kcmil | 20 ... 8 Kcmil |
| | Gauge | | B6 | | |
| **Rated current / Rated cross section** | | | | | |
| | Main circuit | Copper | 309 A / 150 mm² | 310 A / 350 Kcmil | 310 A / 350 Kcmil |
| | | Aluminium | | | |
| | Derivation | | 57 A / 10 mm² | 50 A / 8 AWG | 50 A / 8 AWG |
| **Rated short-time withstand current** (1s) | | | 18000 A | | |
| **Rated voltage** | V AC | | 1000 V | 1000 V | 1000 V |
| | V DC | | 1500 | | |
| **Impulse withstand voltage** | | | 12000 V | | |
| **Protection** | | | IP10 | NEMA 1 | |
| **Increased safety Ex e** | | | 1000 V 309 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC | | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, ATEX, IECEx, BV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Main circuit | | |
| Wire stripping length | | 40 mm 1.575 in |
| Tool | | Allen key Ø 8 mm Ø 0.315 in |
| Torque | | 20 Nm 177 lb.in |
| Derivation | | |
| Wire stripping length | | 12 mm 0.47 in |
| Tool | | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | | 1.2 Nm ... 1.4 Nm 10.6 lb.in ... 12.3 lb.in |



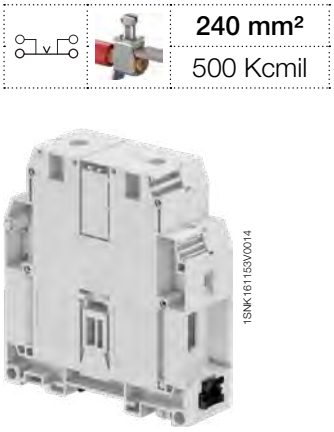

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Jumper bars** | 2 poles | 309 A (IEC) | | BJMI31.2 | 1SNA206053R0700 | | 1 | 120.00 |
| | | 3 poles | 309 A (IEC) | | BJMI31.3 | 1SNA206054R0000 | | 1 | 190.00 |
| 3 | **Protecting covers** | | | | CPBP1 | 1SNA399788R1600 | | 20 | 0.40 |
| 4 | **Terminal block markers** | Blank card | | White | RC1010 | 1SNA238000R1600 | | 10 | 1.30 |
| | | Blank marker | | | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

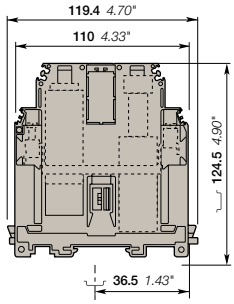
# ZS240 screw clamp terminal blocks
## Feed-through - 36 mm 1.417 in spacing



**240 mm²**
500 Kcmil




**ZS240**




**36 mm** 1.417 in spacing

### Description

- Perfectly adapted to solar applications : 1500V DC (1000V AC) IEC and 1000V UL,
- UL Certified for aluminum cables use - Closed terminal block: no end section needed, optimized rigidity,
- Ease your voltage monitoring or distribution with the 2 built-in derivations,
- Use of jumper bars requires the user to cut-out the partition.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Closed block with 2 x 10 mm² derivations. | Grey | ZS240 | 1SNK536010R0000 | | 5 | 366.00 |
| | | Blue | ZS240-BL | 1SNK536020R0000 | | 5 | 366.00 |
| | | Yellow | ZS240-YL | 1SNK536060R0000 | | 5 | 366.00 |

### Main technical data

| Connecting capacity | | | IEC | UL | CSA |
|---|---|---|---|---|---|
| **Main circuit with 1 conductor per clamp** | Rigid: Solid/Stranded | | 50 ... 300 mm² | 0 ... 500 Kcmil | 0 ... 500 Kcmil |
| | Flexible without ferrule | | 50 ... 240 mm² | | |
| | Flexible with insulated ferrule | | | | |
| | Gauge | | B14 | | |
| **Derivation with 1 conductor per clamp** | Rigid: Solid/Stranded | | 0.5 ... 16 mm² | 20 ... 8 AWG | 20 ... 8 AWG |
| | Flexible without ferrule | | 0.5 ... 10 mm² | 20 ... 8 Kcmil | 20 ... 8 Kcmil |
| | Gauge | | B6 | | |
| **Rated current / Rated cross section** | | | | | |
| | Main circuit | Copper | 415 A / 240 mm² | 380 A / 500 Kcmil | 380 A / 500 Kcmil |
| | | Aluminium | | 271 / 500 Kcmil | 271 / 500 Kcmil |
| | Derivation | | 57 A / 10 mm² | 50 A / 8 AWG | 50 A / 8 AWG |
| **Rated short-time withstand current** (1s) | | | 28800 A | | |
| **Rated voltage** | V AC | | 1000 V | 1000 V | 1000 V |
| | V DC | | 1500 | | |
| **Impulse withstand voltage** | | | 12000 V | | |
| **Protection** | | | IP10 | NEMA 1 | |
| **Increased safety Ex e** | | | 1000 V 415 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC | | |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Main circuit | | |
| Wire stripping length | | 38 mm 1.496 in |
| Tool | | Allen key Ø 8 mm Ø 0.315 in |
| Torque | | 25 Nm 221.3 lb.in |
| Derivation | | |
| Wire stripping length | | 12 mm 0.47 in |
| Tool | | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | | 1.2 Nm ... 1.4 Nm 10.6 lb.in ... 12.3 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, ATEX, IECEx, BV

### Accessories

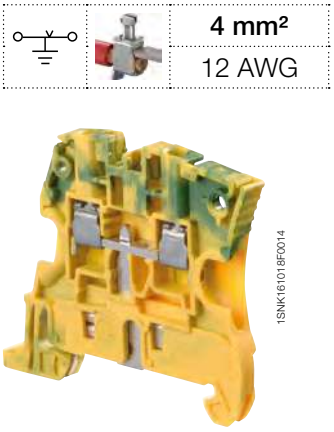
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Jumper bars** | 2 poles | 415 A (IEC) | | BJMI36.2 | 1SNA206126R2500 | | 1 | 170.00 |
| | | 3 poles | 415 A (IEC) | | BJMI36.3 | 1SNA206223R0600 | | 1 | 260.00 |
| 3 | **Protecting covers** | | | | CPBP2 | 1SNA399787R0500 | | 20 | 1.30 |
| 4 | **Terminal block markers** | Blank card | | White | RC1010 | 1SNA238000R1600 | | 10 | 1.30 |
| | | Blank marker | | | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

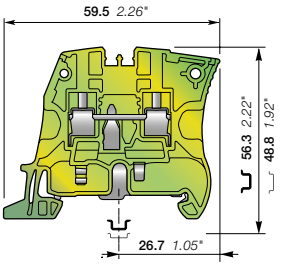
1SNK161094S0201

Technical data valid for copper conductors only.

# ZS4-PE screw clamp terminal blocks
## Ground - 5.2 mm 0.205 in spacing




ZS4-PE




**5.2 mm** 0.205 in spacing

| | | |
|---|---|---|
| | | **4 mm²** |
| | | 12 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS4-PE | 1SNK505150R0000 | | 20 | 12.10 |

### Main technical data

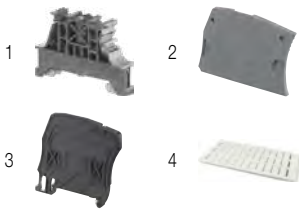
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **Rated cross section** | | 4 mm² | 12 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina




### Accessories

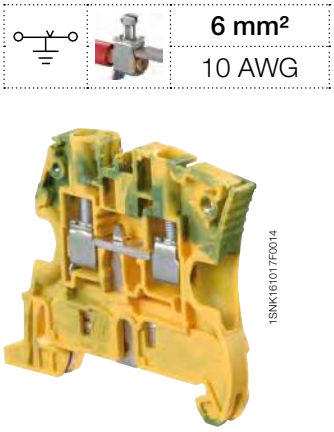
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

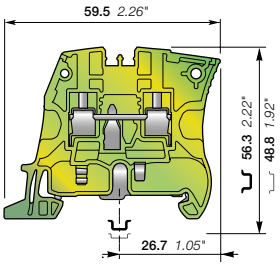
1SNK161002S0201

Technical data valid for copper conductors only.

# ZS6-PE screw clamp terminal blocks
## Ground - 6 mm 0.236 in spacing




ZS6-PE




**6 mm** 0.236 in spacing

| | | |
|---|---|---|
| | | **6 mm²** |
| | | 10 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS6-PE | 1SNK506150R0000 | | 20 | 13.70 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.2 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **Rated cross section** | | 6 mm² | 10 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | 636 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

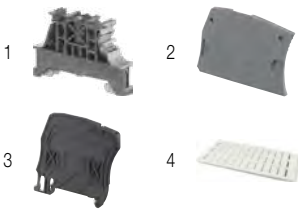
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Accessories




| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161015S0201

Technical data valid for copper conductors only.

# ZS6-3S-PE screw clamp terminal blocks

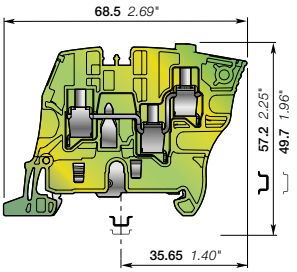
## Ground with 3 connections - 6 mm 0.236 in spacing

| | |
|---|---|
| 6 mm² | |
| 10 AWG | |



1SNK161090V0014

ZS6-3S-PE




**6 mm** 0.236 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- rail contact non operator dependent, secured snap on or off the rail,
- Same profile as ZS6-3S for aligned marking and identical end section.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS6-3S-PE | 1SNK506151R0000 | | 25 | 16.20 |

### Main technical data

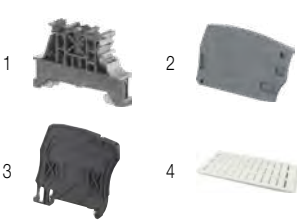
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **Rated cross section** | | 4 mm² | 10 AWG |
| **Maximum cross section** | | 6 mm² | |
| **Rated short-time withstand current** (1s) | | 480 A | 636 A |
| **Maximum short-time withstand current** (1s) | | 480 A | |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.413 in |
| Tool | | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | | 0.75 Nm ± 0.05 6.64 lb.in ± 0.443 |




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES6-3S | 1SNK505912R0000 | | 20 | 2.50 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

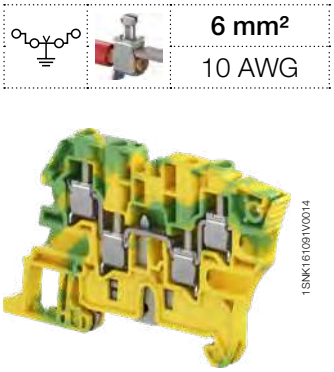
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161080S0201

Technical data valid for copper conductors only.

# ZS6-4S-PE screw clamp terminal blocks

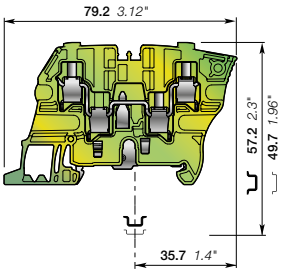
## Ground with 4 connections - 6 mm 0.236 in spacing



| | |
|---|---|
| 6 mm² | |
| 10 AWG | |

1SNK161091V0014

ZS6-4S-PE




**6 mm** 0.236 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- rail contact non operator dependent, secured snap on or off the rail,
- Same profile as ZS6-4S for aligned marking and identical end section.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS6-4S-PE | 1SNK506152R0000 | | 25 | 19.40 |

### Main technical data

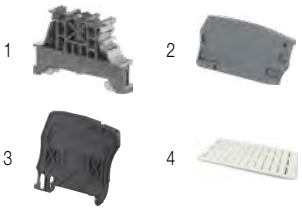
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **Rated cross section** | | 4 mm² | 10 AWG |
| **Maximum cross section** | | 6 mm² | |
| **Rated short-time withstand current** (1s) | | 480 A | 636 A |
| **Maximum short-time withstand current** (1s) | | 480 A | |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.75 Nm ± 0.05 6.64 lb.in ± 0.443 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV




### Accessories

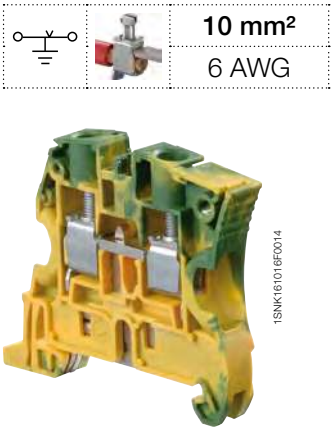
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES6-4S | 1SNK505911R0000 | | 20 | 3.10 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

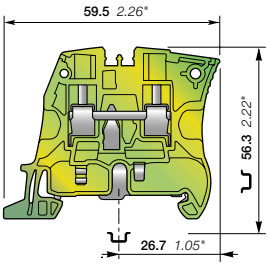
1SNK161081S0201

Technical data valid for copper conductors only.

# ZS10-PE screw clamp terminal blocks
## Ground - 8 mm 0.315 in spacing




ZS10-PE




**8 mm** 0.315 in spacing

| | |
|---|---|
| | **10 mm²** |
| | 6 AWG |

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS10-PE | 1SNK508150R0000 | | 20 | 22.50 |

### Main technical data

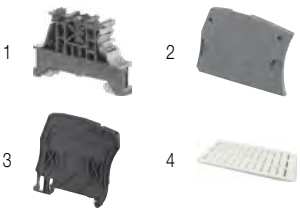
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 8 AWG |
| | Gauge | A5-B5 | |
| **Rated cross section** | | 10 mm² | 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | 1596 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12 mm 0.472 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

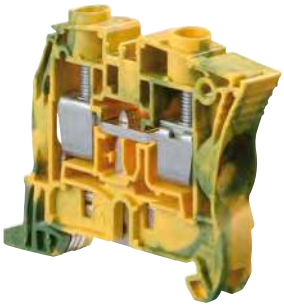
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161016S0201

Technical data valid for copper conductors only.

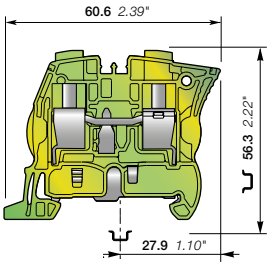
# ZS16-PE screw clamp terminal blocks
## Ground - 10 mm 0.394 in spacing

**16 mm²**
4 AWG



1SNK161019F0014

ZS16-PE




**10 mm** 0.394 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- Rail contact non operator dependent,
- Performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail,
- PE.N function available by combining ZS16-PE with ZS16-BL and 2 poles jumper bar JB10-2.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS16-PE | 1SNK510150R0000 | | 20 | 32.00 |

### Main technical data

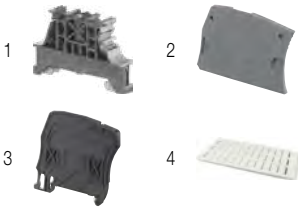
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 16 mm² | 24 ... 4 AWG |
| | Flexible without ferrule | 0.5 ... 16 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 24 ... 4 AWG |
| | Flexible with insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Gauge | A6-B6 | |
| **Rated cross section** | | 16 mm² | 4 AWG |
| **Rated short-time withstand current** (1s) | | 1920 A | 2544 A |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13.5 mm 0.531 in |
| Tool | Flat screwdriver Ø 5.5 mm Ø 0.217 in |
| Torque | 1.8 Nm ± 0.2 15.9 lb.in ± 1.77 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina




### Accessories

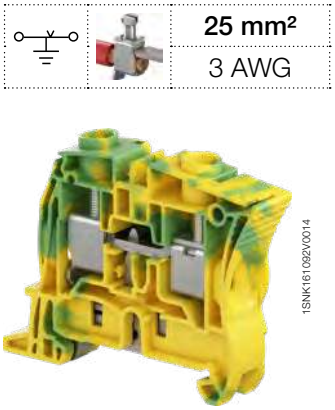
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161018S0201

Technical data valid for copper conductors only.

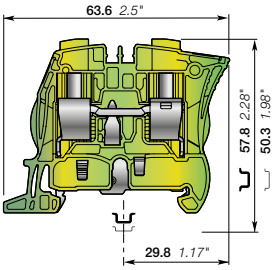
# ZS25-PE screw clamp terminal blocks
## Ground - 12 mm 0.472 in spacing



| | |
|---|---|
| 25 mm² | |
| 3 AWG | |




ZS25-PE




**12 mm** 0.472 in spacing

### Description

Improve the safety of your installation in the event of a short-circuit thanks to our screwless rail contact:
- rail contact non operator dependent, secured snap on or off the rail,
- Same profile as ZS25 for aligned marking and identical end section.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS25-PE | 1SNK512150R0000 | | 20 | 38.00 |

### Main technical data

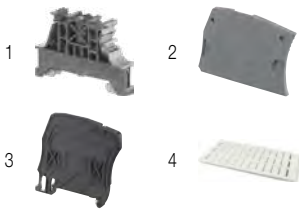
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 25 mm² | 24 ... 3 AWG |
| | Flexible without ferrule | 0.5 ... 25 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 16 mm² | 24 ... 4 AWG |
| | Flexible with insulated ferrule | 0.5 ... 16 mm² | 24 ... 8 AWG |
| | Gauge | A6-B6 | |
| **Rated cross section** | | 16 mm² | 3 AWG |
| **Maximum cross section** | | 25 mm² | |
| **Rated short-time withstand current** (1s) | | 1920 A | 3204 A |
| **Maximum short-time withstand current** (1s) | | 3000 A | |
| **Protection** | | IP20 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13.5 mm 0.531 in |
| Tool | Flat screwdriver Ø 5.5 mm Ø 0.217 in |
| Torque | 1.8 Nm ± 0.2 15.9 lb.in ± 1.77 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV




### Accessories

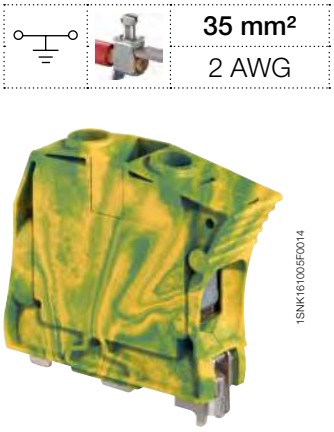
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161082S0201

Technical data valid for copper conductors only.

# ZS35-PE screw clamp terminal blocks
## Ground - 16 mm 0.630 in spacing



| | |
|---|---|
| 35 mm² | |
| 2 AWG | |

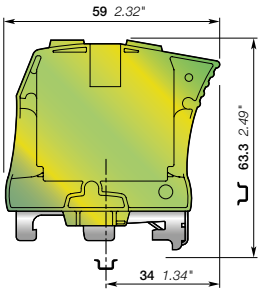
## Description

Reliable electrical and mechanical contact with the rail that exceeds the requirements of IEC 60947-7-2 terminal block standard.



1SNK161005F0014

ZS35-PE




**16 mm** 0.630 in spacing

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screw rail connection | Green-yellow | ZS35-PE | 1SNK516150R0000 | | 20 | 81.80 |

## Main technical data

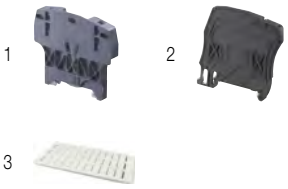
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 6 ... 35 mm² | 10 ... 2 AWG |
| | Flexible without ferrule | 6 ... 35 mm² | |
| | Flexible with non insulated ferrule | 4 ... 35 mm² | 10 ... 2 AWG |
| | Flexible with insulated ferrule | 4 ... 35 mm² | 10 ... 2 AWG |
| | Gauge | A9 | |
| **Rated cross section** | | 35 mm² | 2 AWG |
| **Rated short-time withstand current** (1s) | | 4200 A | 4032 A |
| **Protection** | | IP10 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II | |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 17 mm 0.669 in |
| Tool Screw clamp | | Flat screwdriver Ø 6.5 mm Ø 0.256 in |
| Rail connection screw | | Ø 5.5 Ø 0.217 |
| Torque Screw clamp | | 2.65 Nm ± 0.15 23.4 lb.in ± 1.33 |
| Rail connection screw | | 1.6 Nm ± 0.15 Nm 14.2 lb.in ± 1.33 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina



1 2 3

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 3 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

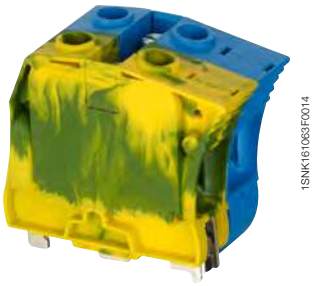
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161020S0201

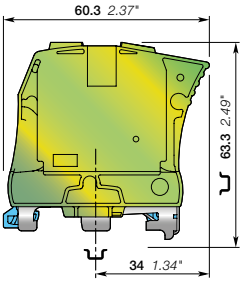
Technical data valid for copper conductors only.

# ZS35-PEN screw clamp terminal blocks

## Ground + neutral - 32 mm 1.260 in spacing




ZS35-PEN




**32 mm** 1.260 in spacing

### Description

Simplify your PE.N connection with ZS35-PE block connected to ZS35-BL through a pre-mounted jumper.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Ground + neutral | Green-yellow | ZS35-PEN | 1SNK516170R0000 | | 10 | 236.00 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 6 ... 35 mm² | |
| | Flexible without ferrule | 6 ... 35 mm² | |
| | Flexible with non insulated ferrule | 6 ... 35 mm² | 10 ... 2 AWG |
| | Flexible with insulated ferrule | 6 ... 35 mm² | |
| | Gauge | A9 | |
| Rated cross section | | 35 mm² | |
| Rated short-time withstand current (1s) | | 4200 A | |
| Protection | | IP10 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 17 mm 0.669 in |
| Tool Screw clamp | Flat screwdriver Ø 6.5 mm Ø 0.256 in |
| Rail connection screw | Ø 5.5 Ø 0.217 |
| Torque Screw clamp | 2.65 Nm ± 0.15 23.5 lb.in ± 1.33 |
| Rail connection screw | 1.6 Nm ± 0.15 Nm 14.2 lb.in ± 1.33 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS EAC

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161047S0201

Technical data valid for copper conductors only.

# ZS50-PE screw clamp terminal blocks

## Ground - 16 mm 0.630 in spacing

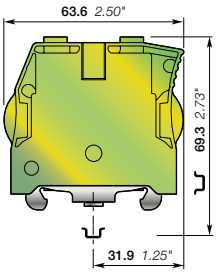
| 50 mm² |
|---|
| 0 AWG |

## Description

– Reliable electrical and mechanical contact with the rail that exceeds the requirements of the IEC 60947-7-2 terminal block standard.

1SNK161093V0014

ZS50-PE




**16 mm** 0.630 in spacing

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screw rail connection | Green-yellow | ZS50-PE | 1SNK516151R0000 | | 20 | 83.00 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 1 … 50 mm² | 18 … 0 AWG |
| | Flexible without ferrule | 1 … 50 mm² | |
| | Flexible with non insulated ferrule | 1 … 50 mm² | 18 … 0 AWG |
| | Flexible with insulated ferrule | 1 … 50 mm² | 18 … 0 AWG |
| | Gauge | Dia.11 | |
| **Rated cross section** | | 50 mm² | 0 AWG |
| **Rated short-time withstand current** (1s) | | 6000 A | 6420 A |
| **Protection** | | IP10 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II | |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 17 mm 0.669 in |
| Tool Screw clamp | | Flat screwdriver Ø 6.5 mm Ø 0.256 in |
| Rail connection screw | | Ø 6.5 Ø 0.256 |
| Torque Screw clamp | | 3 Nm ± 0.50 26.6 lb.in ± 4.43 |
| Rail connection screw | | 3 Nm ± 0.25 Nm 26.553 lb.in ± 2.21 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV

1 2

## Accessories

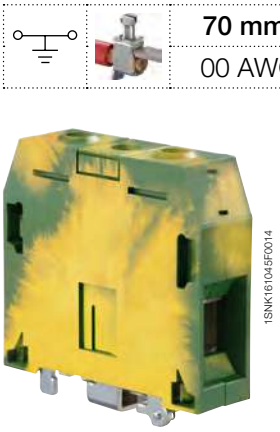
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

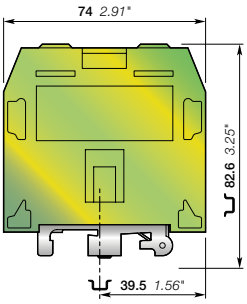
1SNK161070S0201

Technical data valid for copper conductors only.

# ZS70-PE screw clamp terminal blocks
## Ground - 22 mm 0.866 in spacing




ZS70-PE




**22 mm** 0.866 in spacing

| | |
|---|---|
| | **70 mm²** |
| | 00 AWG |

### Description

Reliable electrical and mechanical contact with the rail that exceeds the requirements of IEC 60947-7-2 terminal block standard.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screw rail connection | Green-yellow | ZS70-PE | 1SNK522150R0000 | | 10 | 222.00 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 16 ... 95 mm² | 4 ... 00 AWG |
| | Flexible without ferrule | 16 ... 70 mm² | |
| | Flexible with non insulated ferrule | 16 ... 50 mm² | |
| | Flexible with insulated ferrule | 16 ... 50 mm² | |
| | Gauge | B11 | |
| **Rated cross section** | | 70 mm² | 00 AWG |
| **Rated short-time withstand current** (1s) | | 8400 A | 8088 A |
| **Protection** | | IP10 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-15 |
| Wire stripping length | | 25 mm<br>0.984 in |
| Tool<br>Screw clamp | | Allen key<br>Ø 6 mm<br>Ø 0.236 in |
| Rail connection screw | | Ø 4<br>Ø 0.158 |
| Torque<br>Screw clamp | | 6.5 Nm ± 0.5<br>57.5 lb.in ± 4.43 |
| Rail connection screw | | 1.9 Nm ± 0.1 Nm<br>16.82 lb.in ± 0.885 lb.in |

1

2

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161022S0201

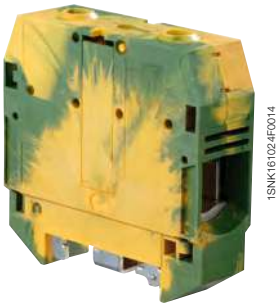
Technical data valid for copper conductors only.

# ZS95-PE screw clamp terminal blocks
## Ground - 26 mm 1.024 in spacing

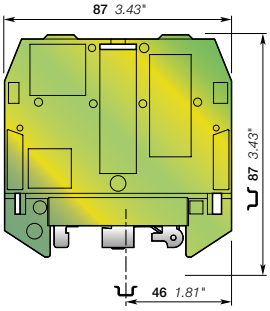
**95 mm²**
0000 AWG

## Description

Reliable electrical and mechanical contact with the rail that exceeds the requirements of IEC 60947-7-2 terminal block standard.




ZS95-PE




**26 mm** 1.024 in spacing

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screw rail connection | Green-yellow | ZS95-PE | 1SNK526150R0000 | | 10 | 278.00 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 35 ... 120 mm² | 2 ... 0000 AWG |
| | Flexible without ferrule | 35 ... 95 mm² | |
| | Flexible with non insulated ferrule | 35 ... 50 mm² | |
| | Flexible with insulated ferrule | 35 ... 50 mm² | |
| | Gauge | B12 | |
| **Rated cross section** | | 95 mm² | 0000 AWG |
| **Rated short-time withstand current** (1s) | | 11400 A | 12840 A |
| **Protection** | | IP10 | NEMA 1 |
| **Explosive atmosphere classification** | | IM2 II 2 GD Ex eb I/II/IIIC – Class I, Zone 1, AEx e II, Ex e II U | |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-15 |
| Wire stripping length | 26 mm<br>1.024 in |
| Tool<br>Screw clamp | Allen key<br>Ø 6 mm<br>Ø 0.236 in |
| Rail connection screw | Ø 4<br>Ø 0.158 |
| Torque<br>Screw clamp | 9.25 Nm ± 0.25<br>81.7 lb.in ± 2.2 |
| Rail connection screw | 1.9 Nm ± 0.1 Nm<br>16.82 lb.in ± 0.885 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

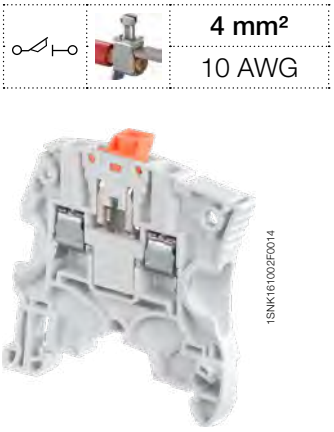
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161024S0201

Technical data valid for copper conductors only.

# ZS4-S screw clamp terminal blocks

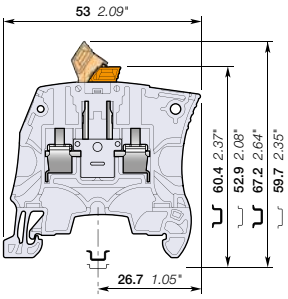
## Disconnect with blade - 5.2 mm 0.205 in spacing



| | |
|---|---|
| 4 mm² | |
| 10 AWG | |




ZS4-S




**5.2 mm** 0.205 in spacing

### Description

- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4 | Grey | ZS4-S | 1SNK505310R0000 | | 50 | 8.60 |
| | | Blue | ZS4-S-BL | 1SNK505320R0000 | | 50 | 8.60 |
| | | Orange | ZS4-S-OR | 1SNK505330R0000 | | 50 | 8.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.2 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 25 A / 4 mm² | 25 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV | Rina

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Lateral jumper bars** | 2 poles | 30 A (IEC) | Grey | PC5-2 | 1SNA113542R1000 | | 10 | 1.80 |
| | | 10 poles | 30 A (IEC) | | PC5-10 | 1SNA113544R1200 | | 10 | 6.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 5 | **Shield connectors** | | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| 6 | **Protecting covers** | 5.2 mm 0.205 in spacing | | Transparent | PL5 | 1SNK900618R0000 | | 10 | 1.50 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

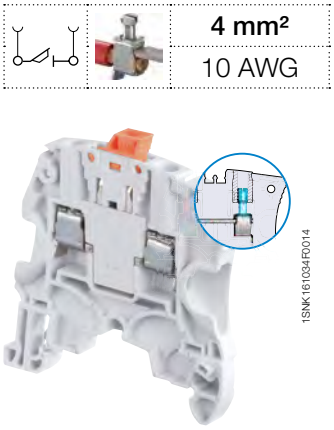
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161010S0201

Technical data valid for copper conductors only.

# ZS4-S-T screw clamp terminal blocks

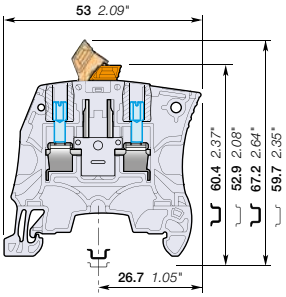
## Disconnect with blade - with test socket - 5.2 mm 0.205 in spacing



| 4 mm² |
|---|
| 10 AWG |




ZS4-S-T




**5.2 mm** 0.205 in spacing

### Description

- Ease your test operations with the 2 built-in test sockets,
- Screwdriver or hand operated disconnect blade,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4, with 2 test sockets DIA 2 mm 0.079 in | Grey | ZS4-S-T2 | 1SNK505311R0000 | | 50 | 8.90 |
| | | Blue | ZS4-S-T2-BL | 1SNK505321R0000 | | 50 | 8.90 |
| | | Orange | ZS4-S-T2-OR | 1SNK505331R0000 | | 50 | 8.90 |
| | Profile aligned with ZS4, with 2 test sockets DIA 2.3 mm 0.091 in | Grey | ZS4-S-T2.3 | 1SNK505312R0000 | | 50 | 8.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 25 A / 4 mm² | 25 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS USR CNR CSA EAC

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Lateral jumper bars** | 2 poles | 30 A (IEC) | Grey | PC5-2 | 1SNA113542R1000 | | 10 | 1.80 |
| | | 10 poles | 30 A (IEC) | | PC5-10 | 1SNA113544R1200 | | 10 | 6.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 5 | **Shield connectors** | | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| 6 | **Protecting covers** | 5.2 mm 0.205 in spacing | | Transparent | PL5 | 1SNK900618R0000 | | 10 | 1.50 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161042S0201

Technical data valid for copper conductors only.

# ZS4-S-R1 screw clamp terminal blocks

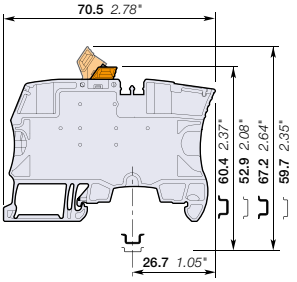
## Disconnect with blade - 6 mm 0.236 in spacing

| | |
|---|---|
| 4 mm² | |
| 10 AWG | |



1SNK161003F0014

ZS4-S-R1




**6 mm** 0.236 in spacing

### Description

- Simplify the alternated distribution thanks to the two jumper channels aligned with ZS4 feed-through terminal blocks,
- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4-SF | Grey | ZS4-S-R1 | 1SNK506310R0000 | | 50 | 13.20 |
| | | Blue | ZS4-S-R1-BL | 1SNK506320R0000 | | 50 | 13.20 |
| | | Orange | ZS4-S-R1-OR | 1SNK506330R0000 | | 50 | 13.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 26 A / 4 mm² | 26 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

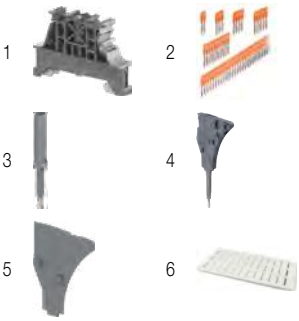
### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV | Rina




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

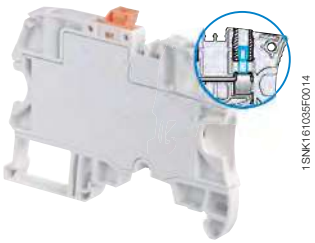
1SNK161012S0201

Technical data valid for copper conductors only.

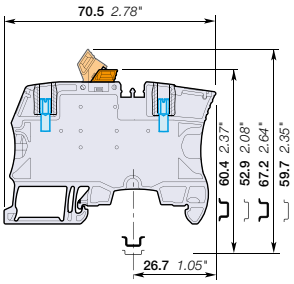
# ZS4-S-T-R1 screw clamp terminal blocks

## Disconnect with blade - with test socket - 6 mm 0.236 in spacing

**4 mm²**
10 AWG




ZS4-S-T-R1




**6 mm** 0.236 in spacing

### Description

- Ease your test operations with the 2 built-in test sockets,
- Screwdriver or hand operated disconnect blade,
- Simplify the alternated distribution thanks to the two jumper channels aligned with ZS4 feed-through terminal blocks.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4-SF, with 2 test sockets DIA 2 mm 0.079 in | Grey | ZS4-S-T2-R1 | 1SNK506311R0000 | | 50 | 14.20 |
| | | Blue | ZS4-S-T2-R1-BL | 1SNK506321R0000 | | 50 | 14.20 |
| | | Orange | ZS4-S-T2-R1-OR | 1SNK506331R0000 | | 50 | 14.20 |
| | Profile aligned with ZS4-SF, with 2 test sockets DIA 2.3 mm 0.091 in | Grey | ZS4-S-T2.3-R1 | 1SNK506312R0000 | | 50 | 14.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 26 A / 4 mm² | 26 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV | Rina

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 4 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

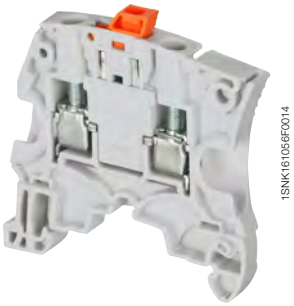
1SNK161045S0201

Technical data valid for copper conductors only.

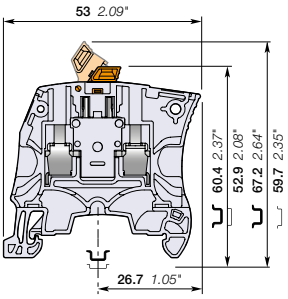
# ZS6-S screw clamp terminal blocks

## Disconnect with blade - 6 mm 0.236 in spacing

| 6 mm² |
|---|
| 10 AWG |




ZS6-S




**6 mm** 0.236 in spacing

### Description

- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver,
- Same profile as ZS6 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS6 | Grey | ZS6-S | 1SNK506315R0000 | | 50 | 8.60 |
| | | Blue | ZS6-S-BL | 1SNK506322R0000 | | 50 | 8.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 6 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 25 A / 4 mm² | 25 A / 10 AWG |
| **Maximum current / Maximum cross section** | | 30 A / 6 mm² | |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 500 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Shield connectors** | | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| 5 | **Protecting covers** | 6 mm 0.236 in spacing | | Transparent | PL6 | 1SNK900619R0000 | | 10 | 1.80 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

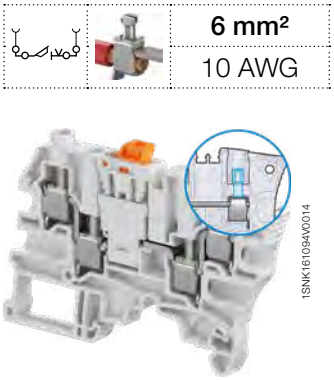
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161046S0201

Technical data valid for copper conductors only.

# ZS6-S-4S-T screw clamp terminal blocks

## Disconnect with blade - with test socket screws - 6 mm 0.236 in spacing



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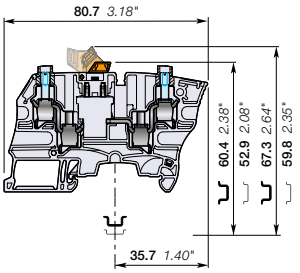
ZS6-S-4S-T




**6 mm** 0.236 in spacing

| | |
|---|---|
| | 6 mm² |
| | 10 AWG |

### Description

- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp,
- Ease your disconnect and test operations with the two built-in test socket screws,
- Simplify the alternated distribution thanks to the jumper channel.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | with 2 test sockets DIA 2 mm 0,079 in | Grey | ZS6-S-4S-T2 | 1SNK506316R0000 | | 50 | 18.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 27 A / 4 mm² | 28 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 500 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CSA EAC BV DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES6-4S | 1SNK505911R0000 | | 20 | 3.10 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

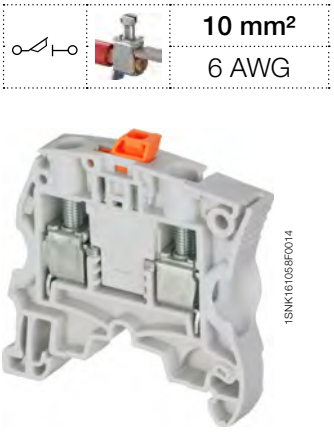
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161071S0201

Technical data valid for copper conductors only.

# ZS10-S screw clamp terminal blocks

## Disconnect with blade - 8 mm 0.315 in spacing

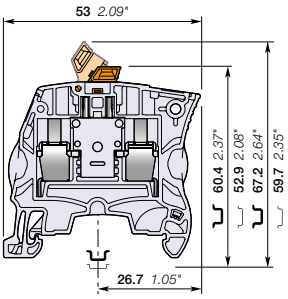


| | |
|---|---|
| 10 mm² | |
| 6 AWG | |



1SNK161059F0014

ZS10-S




**8 mm** 0.315 in spacing

### Description

- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver,
- Same profile as ZS10 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS10 | Grey | ZS10-S | 1SNK508315R0000 | | 50 | 8.60 |
| | | Blue | ZS10-S-BL | 1SNK508320R0000 | | 50 | 8.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.22 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 10 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 6 mm² | 24 ... 12 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 25 A / 4 mm² | 25 A / 6 AWG |
| **Maximum current / Maximum cross section** | | 42 A / 10 mm² | |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12 mm 0.472 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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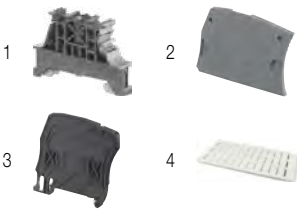



### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R1 | 1SNK900103R0000 | | 20 | 5.20 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161050S0201

Technical data valid for copper conductors only.

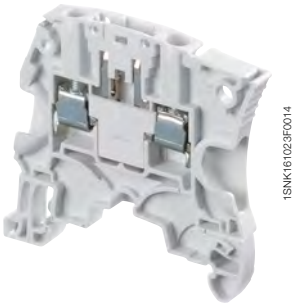
# ZS4-SP screw clamp terminal blocks

## Disconnect with plug - 5.2 mm 0.205 in spacing

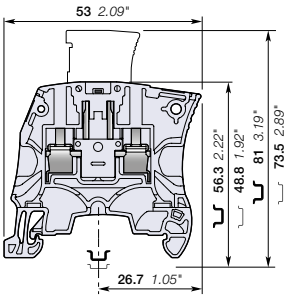
**4 mm²**
10 AWG

## Description

- Save time with our screwless component holder plug,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.




ZS4-SP




**5.2 mm** 0.205 in spacing

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4, plug delivered separetely | Grey | ZS4-SP | 1SNK505313R0000 | | 50 | 8.20 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 18 A / 2.5 mm² | 18 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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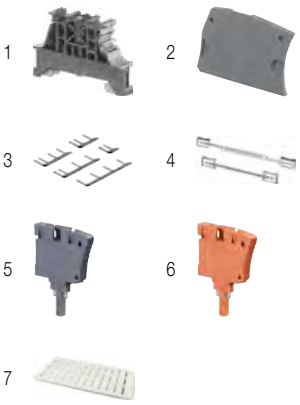



## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Lateral jumper bars** | 2 poles | 30 A (IEC) | Grey | PC5-2 | 1SNA113542R1000 | | 10 | 1.80 |
| | | 10 poles | 30 A (IEC) | | PC5-10 | 1SNA113544R1200 | | 10 | 6.00 |
| 4 | **Shield connectors** | | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| 5 | **Component plugs** | Components in series with circuit | | Dark grey | PG5 | 1SNK900401R0000 | | 20 | 3.50 |
| 6 | **Disconnect plugs** | Equipped with linking bar | | Orange | PG5-R1 | 1SNK900402R0000 | | 20 | 3.50 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

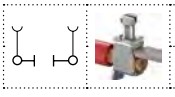
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161033S0201

Technical data valid for copper conductors only.

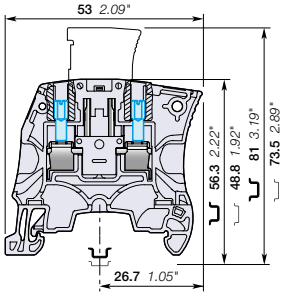
# ZS4-SP-T2 screw clamp terminal blocks

## Disconnect with plug - with test socket - 5.2 mm 0.205 in spacing



| 4 mm² |
|---|
| 10 AWG |

ZS4-SP-T2




**5.2 mm** 0.205 in spacing

### Description

- Ease your test operations with the 2 built-in test sockets DIA 2 mm 0.079 in,
- Save time with our screwless component holder plug,
- Same profile as ZS4 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4, with 2 test sockets DIA 2 mm 0.079 in, plug delivered separetely | Grey | ZS4-SP-T2 | 1SNK505314R0000 | | 50 | 8.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 18 A / 2.5 mm² | 18 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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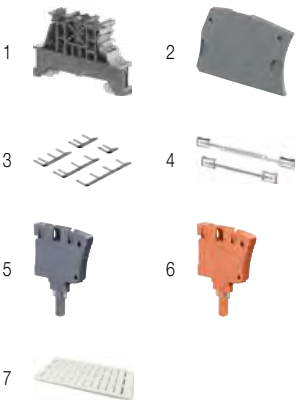



### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Lateral jumper bars** | 2 poles | 30 A (IEC) | Grey | PC5-2 | 1SNA113542R1000 | | 10 | 1.80 |
| | | 10 poles | 30 A (IEC) | | PC5-10 | 1SNA113544R1200 | | 10 | 6.00 |
| 4 | **Shield connectors** | | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| 5 | **Component plugs** | Components in series with circuit | | Dark grey | PG5 | 1SNK900401R0000 | | 20 | 3.50 |
| 6 | **Disconnect plugs** | Equipped with linking bar | | Orange | PG5-R1 | 1SNK900402R0000 | | 20 | 3.50 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161041S0201

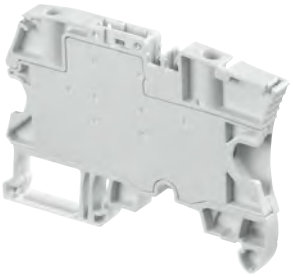
Technical data valid for copper conductors only.

# ZS4-SP-R1 screw clamp terminal blocks

## Disconnect with plug - 6 mm 0.236 in spacing

**4 mm²**

10 AWG



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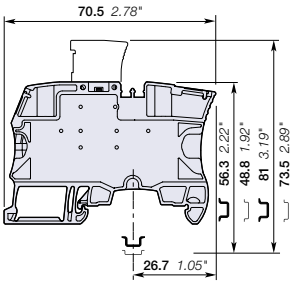
ZS4-SP-R1




**6 mm** 0.236 in spacing

### Description

- Simplify the alternated distribution between feed-through and disconnect circuits thanks to the two aligned jumper channels,
- Save time with our screwless component holder plug.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4-SF, plug delivered separetely | Grey | ZS4-SP-R1 | 1SNK506313R0000 | | 50 | 14.20 |

### Main technical data

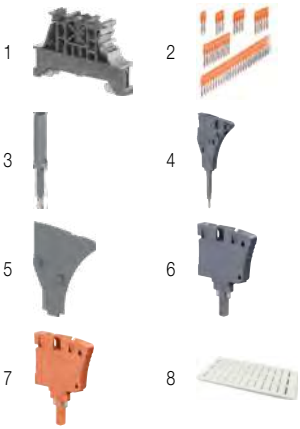
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 18 A / 2.5 mm² | 20 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | RoHS | USR CNR | CSA | EAC




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 6 | **Component plugs** | Components in series with circuit | | Dark grey | PG5 | 1SNK900401R0000 | | 20 | 3.50 |
| 7 | **Disconnect plugs** | Equipped with linking bar | | Orange | PG5-R1 | 1SNK900402R0000 | | 20 | 3.50 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

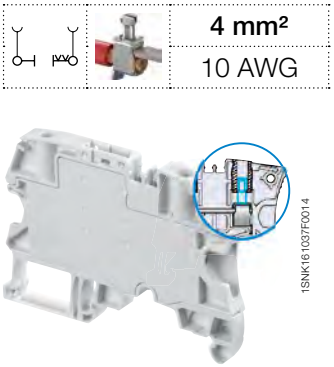
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161039S0201

Technical data valid for copper conductors only.

# ZS4-SP-T2-R1 screw clamp terminal blocks

## Disconnect with plug - with test socket - 6 mm 0.236 in spacing



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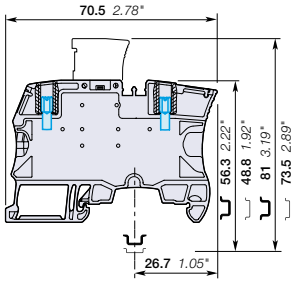
ZS4-SP-T2-R1




**6 mm** 0.236 in spacing

| 4 mm² |
|---|
| 10 AWG |

### Description

- Ease your test operations with the 2 built-in test sockets DIA 2 mm 0.079 in,
- Save time with our screwless component holder plug,
- Simplify the distribution between feed-through and disconnect circuits thanks to the two aligned jumper channels.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4-SF, with 2 test sockets DIA 2 mm 0.079 in, plug delivered separetely | Grey | ZS4-SP-T2-R1 | 1SNK506314R0000 | | 50 | 14.20 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 18 A / 2.5 mm² | 20 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS USR CNR CSA EAC

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 4 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 5 | **Component plugs** | Components in series with circuit | | Dark grey | PG5 | 1SNK900401R0000 | | 20 | 3.50 |
| 6 | **Disconnect plugs** | Equipped with linking bar | | Orange | PG5-R1 | 1SNK900402R0000 | | 20 | 3.50 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161040S0201

Technical data valid for copper conductors only.

# ZS10-SP screw clamp terminal blocks

## Disconnect with plug - 8 mm 0.315 in spacing

**10 mm²**

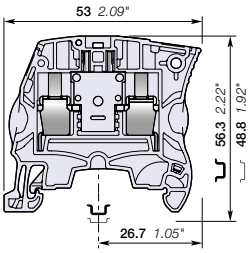
6 AWG

## Description

- Save time with our screwless component holder plug,
- Same profile as ZS10 feed-through terminal block for aligned marking and identical end section use.

1SNK161060F0014

ZS10-SP




**8 mm** 0.315 in spacing

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS10 | Grey | ZS10-SP | 1SNK508316R0000 | | 50 | 8.60 |

## Main technical data

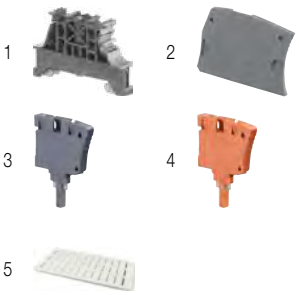
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.22 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.22 ... 6 mm² | 24 ... 8 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 18 A / 2.5 mm² | 18 A / 6 AWG |
| **Maximum current / Maximum cross section** | | 18 A / 10 mm² | |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 12 mm 0.472 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS USR CSA EAC




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |
| 3 | **Component plugs** | Components in series with circuit | | Dark grey | PG5 | 1SNK900401R0000 | | 20 | 3.50 |
| 4 | **Disconnect plugs** | Equipped with linking bar | | Orange | PG5-R1 | 1SNK900402R0000 | | 20 | 3.50 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161051S0201

Technical data valid for copper conductors only.

## Optimize your control circuit protection

Our SNK series fuse terminal blocks offer a full set of features and functions to protect your control circuits with efficiency and reliability.
All terminal blocks complies with the latest evolution of the international standards IEC 60947-7-3 (“Ancillary equipment safety requirements for fuse terminal blocks.”) which fixes precise temperature constraint for short-circuit and overload protection (information in the catalogue pages related to the products).

**Qualified for worldwide markets and applications**
**Eco-designed according to international environmental standards in sustainable development.**

## Select the right fuse holder for the right application

### 1 standard applications

The standard fuse holders feature compact dimensions while offering compatibility with 5 x 20 and 5 x 25 mm fuses. double deck terminal blocks allow efficient space reduction for panels with space constraints.

### 2 Expert for convenient circuit distribution

The expert fuse holders are equipped with two central jumper channels for convenient common distribution and are aligned with feed-through and disconnect terminal blocks. They facilitate alternated potential distribution and reduce wiring.

### Additional features for easy trouble shooting and testing

**Performant blown fuse indicators**

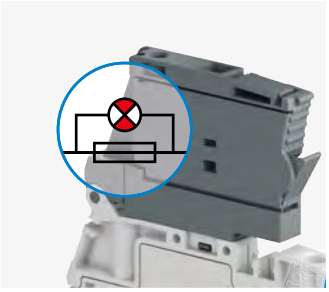
Low leakage current (< 0.5 mA) allows the protection of low current circuits such as PLC’s inputs without any risk of circuit disturbances.
Large voltage range (24/110 V and 110/250 V AC/DC) reduces the number of variants and allows adaptation to worldwide applications (24/110 V range covers North american market needs).

**Easy testing**

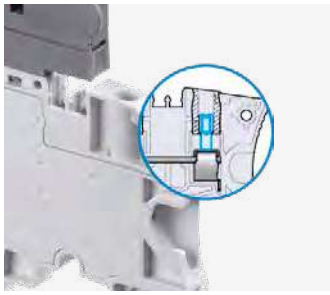
Some terminal blocks are equipped with Dia 2 mm built-in test socket screws for circuit testing while respecting the IP20 touch proof protection.

1
**5x20 and 5x25 mm fuses**
**Compact and high density**

2
**5x20 and 6.3x32 mm fuses**
**Easy potential distribution**

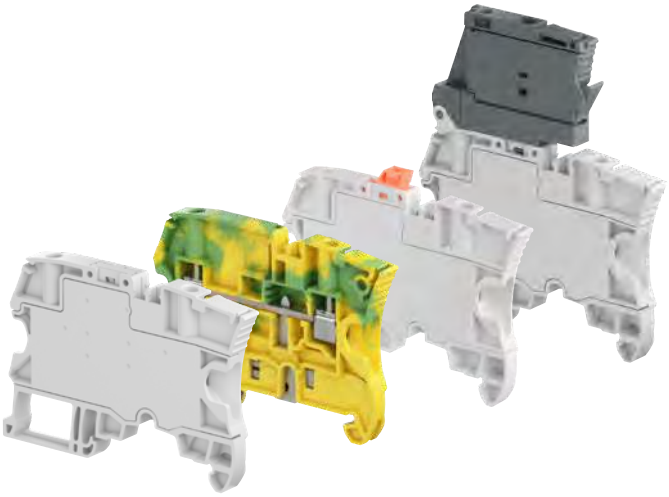


**Low leakage current blown fuse indicator.**
**Large voltage range: (24/110 V and 110/250 V AC and DC)**



**Convenient testing through built in test socket screws**

1SNK161085S0201



## The smart choice for process automation

Large process automation applications typically require the use of a large number of digital or analog signals and sensors. Indeed, marshalling cabinets ensure an important cross wiring function, since the incoming field signal and the channel quantity of the I/O card of the controller (DCS, large PLC's) is always different. They facilitate the maintenance operations and ease the system modifications.

### SNK aligned terminal blocks offering:

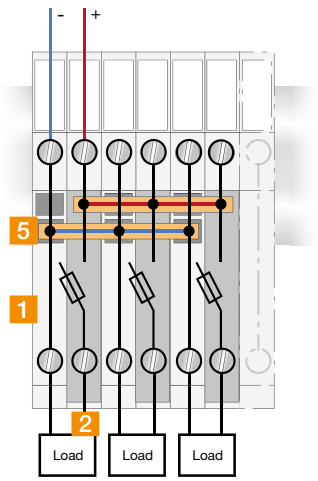
SNK series now features a full set of aligned terminal blocks matching the marshalling panels typical configurations. Fuse, disconnect, feed-through and ground terminal blocks with identical profile are providing compact and convenient solution. With only 6 mm spacing, two aligned screwless jumper channels, central large marking as well as aligned conductor entries, they are perfectly adapted to alternative potential distribution while still easy to connect.



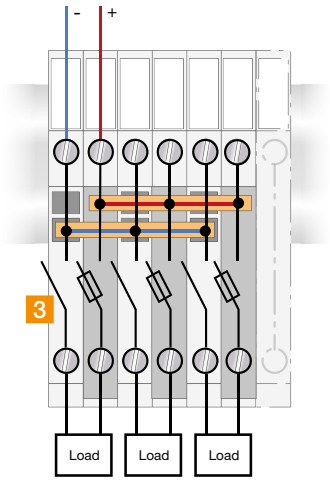
## Typical marshalling configurations

### Digital signals

Popular potential distribution via double center channel.

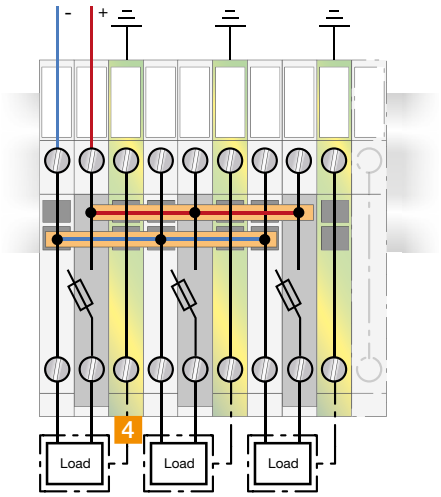



Disconnect functions equipped with test points allow total isolation of circuits, ease circuit testing during start-up, test and maintenance operations.



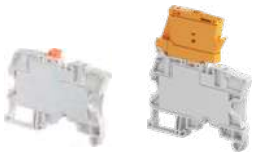

### Analog

Potential distribution for analog signals. Ground terminal blocks allow reliable connection of cable shields to the ground sparing the use of external shield bar.



1 ZS4-R2

2 ZS4-SF



3 ZS4-S-R1 or ZS4-S-R2

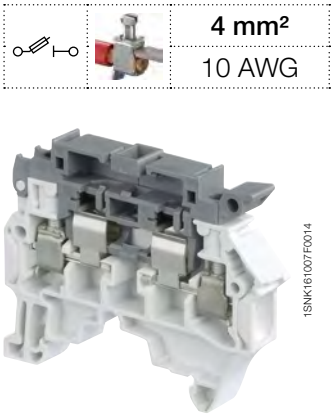
4 ZS4-PE-R2

5 JB6-...

1SNK161086S0201

# ZS4-SF1 screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - 8 mm 0.315 in spacing



| | |
|---|---|
| 4 mm² | |
| 10 AWG | |

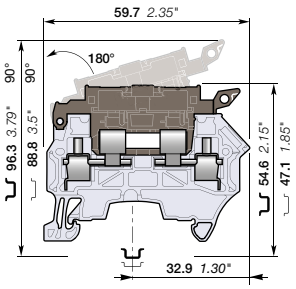
## Description

Protect your circuit with 5x25 and 5x20 fuse terminal blocks, compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks).



1SNK161007F0014

ZS4-SF1




**8 mm** 0.315 in spacing

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Fuse | Grey, dark grey | ZS4-SF1 | 1SNK508410R0000 | | 50 | 13.30 |
| | Orange, dark grey | ZS4-SF1-OR | 1SNK508430R0000 | | 50 | 13.30 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| Rated current / Rated cross section | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| Rated voltage | | 630 V | 300 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |

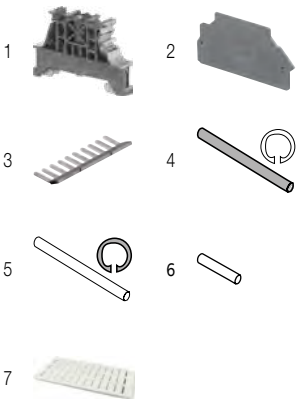
## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm<br>0.432 in |
| Tool | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1<br>5.31 lb.in ± 0.885 |

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV | Rina




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | End sections | 1.5 mm | 0.059 in | Dark grey | ES4-SF | 1SNK508960R0000 | | 20 | 1.80 |
| 3 | Lateral jumper bars | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 4 | Assembly rods | 2 poles | | | TGA8 | 1SNA168672R1100 | | 10 | 1.00 |
| | | 3 poles | | | TGA8 | 1SNA168673R1200 | | 10 | 1.50 |
| | | 4 poles | | | TGA8 | 1SNA168674R1300 | | 10 | 2.00 |
| 5 | Spring retaining Rings | | | | ANT | 1SNA168675R1400 | | 10 | |
| 6 | Neutral cartridge | 5x25 | | | CN5 | 1SNA179371R1600 | | 10 | 3.9 |
| 7 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

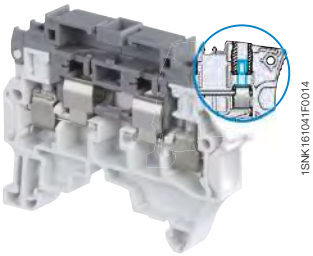
1SNK161011S0201

Technical data valid for copper conductors only.

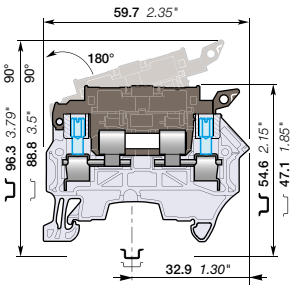
# ZS4-SF1-T screw clamp terminal blocks

## For 5 x 20 and 5 x 25 fuses - with test socket - 8 mm 0.315 in spacing

**4 mm²**
10 AWG




ZS4-SF1-T




**8 mm** 0.315 in spacing

### Description

- Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
- Compliant with IEC 60947-7-3 standard,
- With built in test sockets.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | With 2 test sockets DIA 2 mm 0.079 in | Grey, dark grey | ZS4-SF1-T2 | 1SNK508411R0000 | | 50 | 13.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

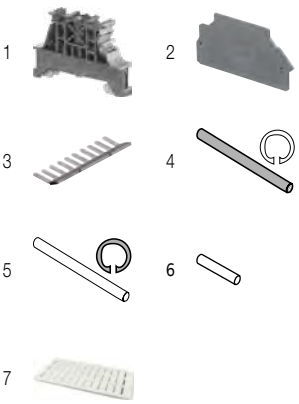
### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.432 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV Rina




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | ES4-SF | 1SNK508960R0000 | | 20 | 1.80 |
| 3 | **Lateral jumper bars** | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 4 | **Assembly rods** | 2 poles | | | TGA8 | 1SNA168672R1100 | | 10 | 1.00 |
| | | 3 poles | | | TGA8 | 1SNA168673R1200 | | 10 | 1.50 |
| | | 4 poles | | | TGA8 | 1SNA168674R1300 | | 10 | 2.00 |
| 5 | **Spring retaining Rings** | | | | ANT | 1SNA168675R1400 | | 10 | |
| 6 | **Neutral cartridge** | 5x25 | | | CN5 | 1SNA179371R1600 | | 10 | 3.9 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

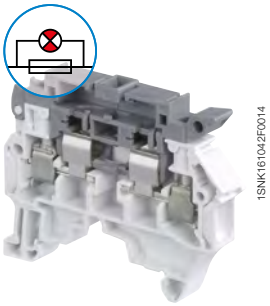
1SNK161036S0201

Technical data valid for copper conductors only.

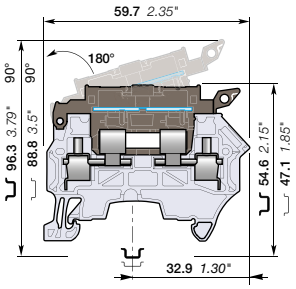
# ZS4-SF1-R screw clamp terminal blocks

## For 5 x 20 and 5 x 25 fuses - with blown fuse indicator - 8 mm 0.315 in spacing

**4 mm²**
10 AWG




ZS4-SF1-R




**8 mm** 0.315 in spacing

## Description

- Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
- Compliant with IEC 60947-7-3 standard,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

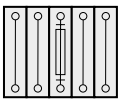
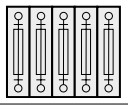
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | With blown fuse indicator 115 ... 250 V AC / DC | Grey, dark grey | ZS4-SF1-R3 | 1SNK508414R0000 | | 50 | 13.30 |
| | With blown fuse indicator 24 ... 110 V AC / DC | | ZS4-SF1-R1 | 1SNK508412R0000 | | 50 | 13.30 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

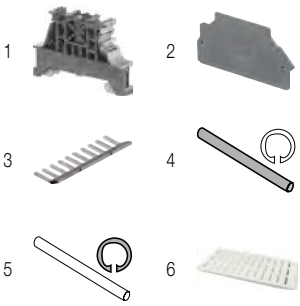
## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm<br>0.432 in |
| Tool | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1<br>5.31 lb.in ± 0.885 |

| | | | | |
|---|---|---|---|---|
| Separate arrangement |  | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement |  | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV | Rina




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | ES4-SF | 1SNK508960R0000 | | 20 | 1.80 |
| 3 | **Lateral jumper bars** | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 4 | **Assembly rods** | 2 poles | | | TGA8 | 1SNA168672R1100 | | 10 | 1.00 |
| | | 3 poles | | | TGA8 | 1SNA168673R1200 | | 10 | 1.50 |
| | | 4 poles | | | TGA8 | 1SNA168674R1300 | | 10 | 2.00 |
| 5 | **Spring retaining Rings** | | | | ANT | 1SNA168675R1400 | | 10 | |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

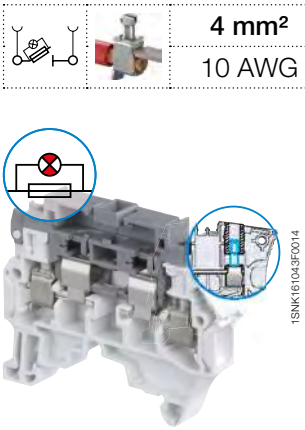
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161034S0201

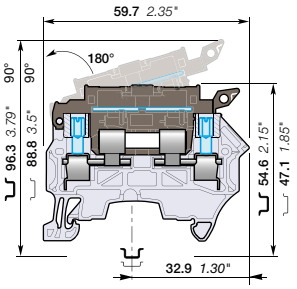
Technical data valid for copper conductors only.

# ZS4-SF1-R screw clamp terminal blocks

## For 5 x 20 and 5 x 25 fuses - with blown fuse indicator and test sockets - 8 mm 0.315 in spacing




ZS4-SF1-R




**8 mm** 0.315 in spacing

| | |
|---|---|
| | **4 mm²** |
| | 10 AWG |

### Description

- Protect your circuit with 5x25 and 5x20 fuse terminal blocks (fuse not supplied with the terminal blocks),
- Compliant with IEC 60947-7-3 standard,
- Ease the test with built-in test sockets,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | With blown fuse indicator 115 ... 250 V AC / DC and 2 test sockets DIA 2 mm 0.079 in | Grey, dark grey | ZS4-SF1-R4 | 1SNK508415R0000 | | 50 | 13.30 |
| | With blown fuse indicator 24 ... 110 V AC / DC and 2 test sockets DIA 2 mm 0.079 in | | ZS4-SF1-R2 | 1SNK508413R0000 | | 50 | 13.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

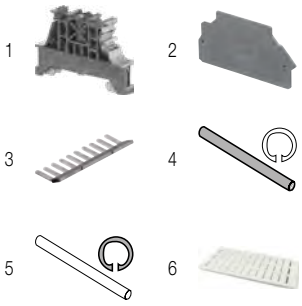
### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.432 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

| | | | |
|---|---|---|---|
| Separate arrangement | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV, Rina




### Accessories

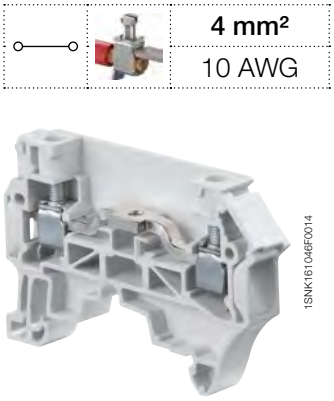
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | ES4-SF | 1SNK508960R0000 | | 20 | 1.80 |
| 3 | **Lateral jumper bars** | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 4 | **Assembly rods** | 2 poles | | | TGA8 | 1SNA168672R1100 | | 10 | 1.00 |
| | | 3 poles | | | TGA8 | 1SNA168673R1200 | | 10 | 1.50 |
| | | 4 poles | | | TGA8 | 1SNA168674R1300 | | 10 | 2.00 |
| 5 | **Spring retaining Rings** | | | | ANT | 1SNA168675R1400 | | 10 | |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

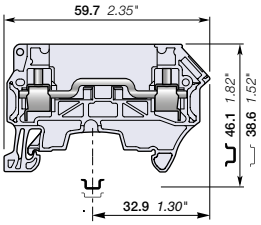
1SNK161035S0201

Technical data valid for copper conductors only.

# ZS4-R1 screw clamp terminal blocks
## Feed-through - 8 mm 0.315 in spacing




ZS4-R1




**8 mm** 0.315 in spacing

| | |
|---|---|
| | **4 mm²** |
| | 10 AWG |

### Description

Simplify the alternated feed-through and fuse circuits operations:

– With the same profile as the ZS4-SF1, the wiring of the alternated feed-through and fuse circuits is easier.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Profile aligned with ZS4-SF1 | Grey | ZS4-R1 | 1SNK508013R0000 | | 50 | 11.00 |

### Main technical data

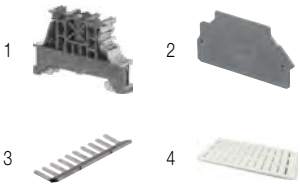
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 26 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.432 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV, Rina




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | ES4-SF | 1SNK508960R0000 | | 20 | 1.80 |
| 3 | **Lateral jumper bars** | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 4 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Fuse screw clamp terminal blocks

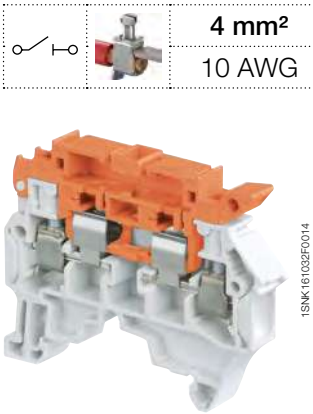
| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Fuse** | Grey, dark grey | ZS4-SF1 | 1SNK508410R0000 | | 50 | 13.30 |

1SNK161009S0201

Technical data valid for copper conductors only.

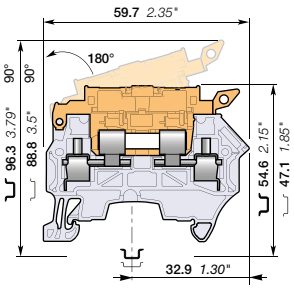
# ZS4-S-R3 screw clamp terminal blocks

## Disconnect with lever - 8 mm 0.315 in spacing



1SNK161032F0014

ZS4-S-R3




**8 mm** 0.315 in spacing

| 4 mm² |
|---|
| 10 AWG |

### Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS4-SF1:

- With the same profile as ZS4-SF1, the ZS4-S-R3 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.,
- Neutral cartridge CN5 5x25 included.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4-SF1 | Grey, orange | ZS4-S-R3 | 1SNK508416R0000 | | 50 | 13.30 |
| | | Grey, blue | ZS4-S-R3-T2 | 1SNK508419R0000 | | 50 | 13.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 18 A / 2.5 mm² | 18 A / 10 AWG |
| **Maximum current / Maximum cross section** | | 18 A / 4 mm² | |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

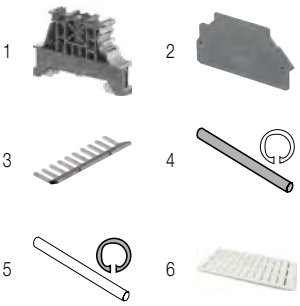
### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.432 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect lever does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | RoHS | USR CNR | CSA | EAC | BV | DNV | Rina




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | ES4-SF | 1SNK508960R0000 | | 20 | 1.80 |
| 3 | **Lateral jumper bars** | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 4 | **Assembly rods** | 2 poles | | | TGA8 | 1SNA168672R1100 | | 10 | 1.00 |
| | | 3 poles | | | TGA8 | 1SNA168673R1200 | | 10 | 1.50 |
| | | 4 poles | | | TGA8 | 1SNA168674R1300 | | 10 | 2.00 |
| 5 | **Spring retaining Rings** | | | | ANT | 1SNA168675R1400 | | 10 | |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Fuse screw clamp terminal blocks

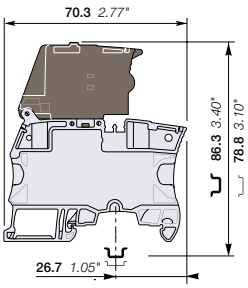
| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Fuse** | Grey, dark grey | ZS4-SF1 | 1SNK508410R0000 | | 50 | 13.30 |

1SNK161044S0201

Technical data valid for copper conductors only.

# ZS4-SF screw clamp terminal blocks
For 5 x 20 fuses - 6 mm 0.236 in spacing

ZS4-SF




**6 mm** 0.236 in spacing

| 4 mm² |
|---|
| 10 AWG |

## Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Fuse | Grey, dark grey | ZS4-SF | 1SNK506410R0000 | | 50 | 18.60 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| 2 conductors per clamp | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| Rated current / Rated cross section | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| Rated voltage | | 500 V | 150 V |
| Impulse withstand voltage | | 6000 V | |
| Protection | | IP20 | NEMA 1 |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV Rina

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | End stops | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | Jumper bars | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | Test adapters | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | Test connectors | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | Spacers | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 6 | Terminal block markers | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

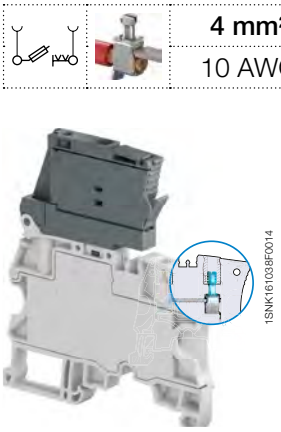
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161005S0201

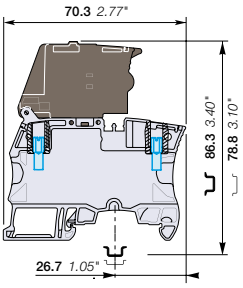
Technical data valid for copper conductors only.

# ZS4-SF-T screw clamp terminal blocks

## For 5 x 20 fuses - with test socket - 6 mm 0.236 in spacing




ZS4-SF-T




**6 mm** 0.236 in spacing

| | |
|---|---|
| | 4 mm² |
| | 10 AWG |

## Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Ease the test with built-in test socket screws.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | With 2 test sockets DIA 2 mm 0.079 in | Grey, dark grey | ZS4-SF-T2 | 1SNK506411R0000 | | 50 | 18.60 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| **Rated voltage** | | 500 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | |
|---|---|---|---|
| Separate arrangement | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV Rina

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 4 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

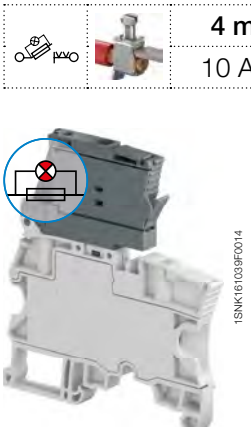
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161038S0201

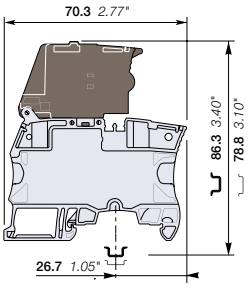
Technical data valid for copper conductors only.

# ZS4-SF-R screw clamp terminal blocks

## For 5 x 20 fuses - with blown fuse indicator - 6 mm 0.236 in spacing




ZS4-SF-R




**6 mm** 0.236 in spacing

| | |
|---|---|
| | 4 mm² |
| | 10 AWG |

### Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | With blown fuse indicator 115 ... 250 V AC / DC | Grey, dark grey | ZS4-SF-R3 | 1SNK506415R0000 | | 50 | 18.60 |
| | With blown fuse indicator 24 ... 110 V AC / DC | | ZS4-SF-R1 | 1SNK506412R0000 | | 50 | 18.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| **Rated voltage** | | 500 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

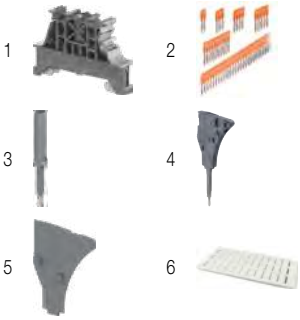
| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV, Rina




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

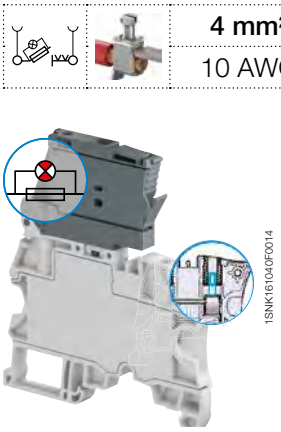
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161006S0201

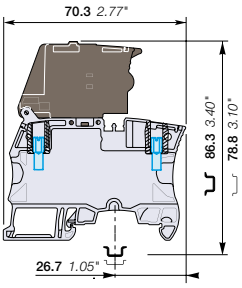
Technical data valid for copper conductors only.

# ZS4-SF-R screw clamp terminal blocks

## For 5 x 20 fuses - with blown fuse indicator and test sockets - 6 mm 0.236 in spacing




ZS4-SF-R




**6 mm** 0.236 in spacing

| | |
|---|---|
| | 4 mm² |
| | 10 AWG |

### Description

- Protect your circuits with 5x20 fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels aligned with ZS4 or ZS4-R2 feed-through and ZS4-S-R1 disconnect terminal blocks,
- Ease the test with built-in test socket screws,
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | With blown fuse indicator 115 ... 250 V AC / DC and 2 test sockets DIA 2 mm 0.079 in | Grey, dark grey | ZS4-SF-R4 | 1SNK506416R0000 | | 50 | 18.60 |
| | With blown fuse indicator 24 ... 110 V AC / DC and 2 test sockets DIA 2 mm 0.079 in | | ZS4-SF-R2 | 1SNK506413R0000 | | 50 | 18.60 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 6.3 A / 4 mm² | 10 A / 10 AWG |
| **Rated voltage** | | 500 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.412 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV Rina

### Accessories

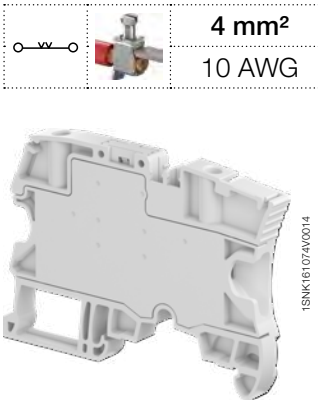
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 4 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

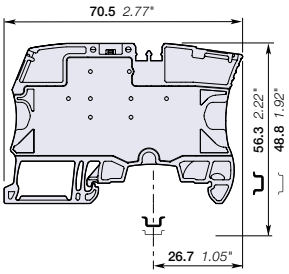
1SNK161037S0201

Technical data valid for copper conductors only.

# ZS4-R2 screw clamp terminal blocks
## Feed-through - 6 mm 0.236 in spacing




ZS4-R2




**6 mm** 0.236 in spacing

| | |
|---|---|
| | **4 mm²** |
| | 10 AWG |

### Description

- Simplify the distribution of circuits in marshalling cabinets thanks to our feed-through terminal blocks with the same profile as ZS4-SF fuse, ZS4-S-R1 disconnect and ZS4-PE-R2 ground terminal blocks: aligned conductor entries, jumper channels and marking in just 6 mm 0.236 in spacing,
- No end section needed: closed block.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Profile aligned with ZS4-SF and ZS4-S-R1 | Grey | ZS4-R2 | 1SNK506013R0000 | | 50 | 12.40 |

### Main technical data

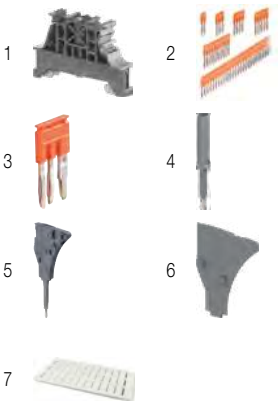
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 32 A / 4 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

ZS4-SF ZS4-S-R1

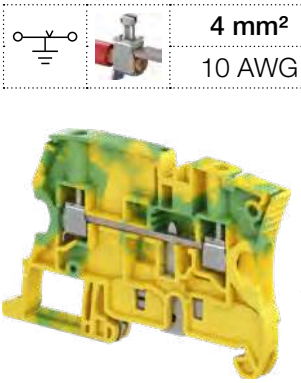
### Screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | Profile aligned with ZS4-R2 and ZS4-PE-R2 | Grey, dark grey | ZS4-SF | 1SNK506410R0000 | | 50 | 18.60 |
| **Disconnect** | Profile aligned with ZS4-R2 and ZS4-PE-R2 | Grey | ZS4-S-R1 | 1SNK506310R0000 | | 50 | 13.20 |

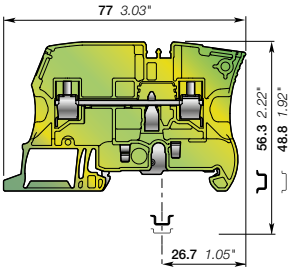
1SNK161083S0201

Technical data valid for copper conductors only.

# ZS4-PE-R2 screw clamp terminal blocks
## Ground - 6 mm 0.236 in spacing




ZS4-PE-R2




**6 mm** 0.236 in spacing

| | |
|---|---|
| | 4 mm² |
| | 10 AWG |

### Description

Simplify the shielding connection of your analog circuits in marshalling cabinets thanks to our ground terminal blocks with the same profile as ZS4-SF fuse, ZS4-S-R1 disconnect and ZS4-R2 feed-through terminal blocks.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Screwless rail connection | Green-yellow | ZS4-PE-R2 | 1SNK506153R0000 | | 25 | 15.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **Rated cross section** | | 4 mm² | 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |

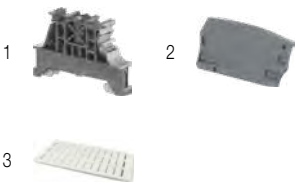
### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV

3




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | ES6-4S | 1SNK505911R0000 | | 20 | 3.10 |
| 3 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

ZS4-SF ZS4-S-R1

### Screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | Profile aligned with ZS4-R2 and ZS4-PE-R2 | Grey, dark grey | ZS4-SF | 1SNK506410R0000 | | 50 | 18.60 |
| **Disconnect** | Profile aligned with ZS4-R2 and ZS4-PE-R2 | Grey | ZS4-S-R1 | 1SNK506310R0000 | | 50 | 13.20 |

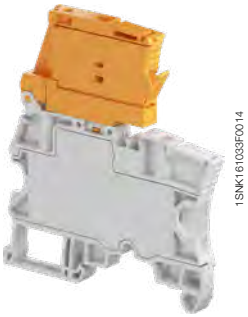
1SNK161079S0201

Technical data valid for copper conductors only.

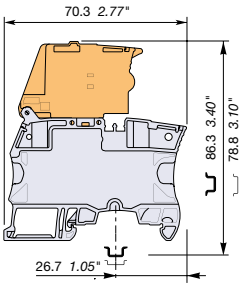
# ZS4-S-R2 screw clamp terminal blocks

## Disconnect with lever - 6 mm 0.236 in spacing

**4 mm²**
10 AWG




ZS4-S-R2




**6 mm** 0.236 in spacing

### Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS4-SF:

– With the same profile as ZS4-SF, the ZS4-S-R2 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS4-SF | Grey, orange | ZS4-S-R2 | 1SNK506414R0000 | | 50 | 21.6 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 18 A / 2.5 mm² | 13 A / 10 AWG |
| **Maximum current / Maximum cross section** | | 18 A / 4 mm² | |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 400 V | 150 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

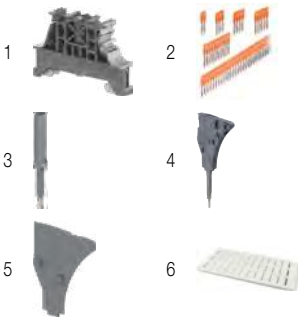
### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.412 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect lever does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV | Rina




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Fuse screw clamp terminal blocks

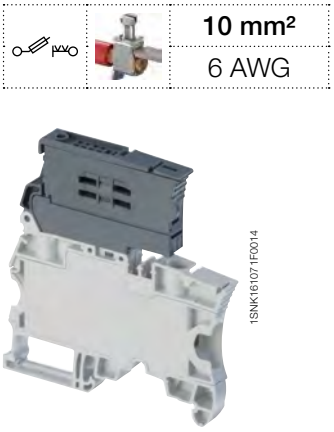
| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Fuse** | Grey, dark grey | ZS4-SF | 1SNK506410R0000 | | 50 | 18.60 |

1SNK161043S0201

Technical data valid for copper conductors only.

# ZS10-SF screw clamp terminal blocks

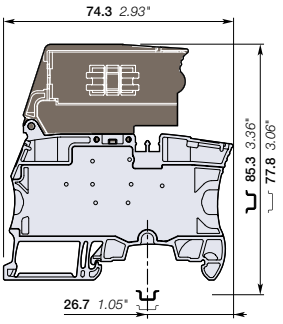
For 6.3x32 fuses - 8 mm 0.315 in spacing



| | |
|---|---|
| 10 mm² | |
| 6 AWG | |




ZS10-SF




**8 mm** 0.315 in spacing

## Description

- Protect your circuits with 6.3x32 (¼ x 1¼ in) fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Simplify the distribution thanks to the two jumper channels.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | Closed block | Grey, dark grey | ZS10-SF | 1SNK508418R0000 | | 50 | 28.50 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 10 A / 10 mm² | 22 A / 6 AWG |
| **Rated voltage** | | 630 V | 600 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

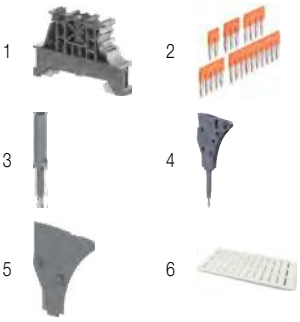
| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 13 mm 0.512 in |
| Tool | | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 4 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 2.5 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Spacers** | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

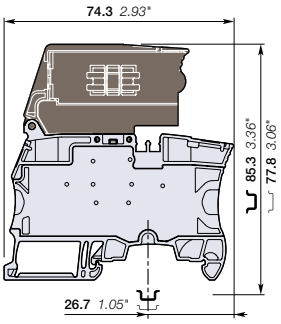
1SNK161052S0201

Technical data valid for copper conductors only.

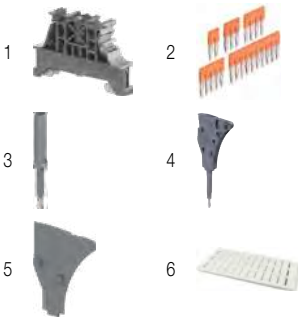
# ZS10-SF-R screw clamp terminal blocks

## For 6.3x32 fuses - with blown fuse indicator - 8 mm 0.315 in spacing

ZS10-SF-R




**8 mm** 0.315 in spacing




| | |
|---|---|
| | **10 mm²** |
| | 6 AWG |

## Description

- Protect your circuits with 6.3x32 (¼ x 1¼ in) fuse terminal blocks compliant with IEC 60947-7-3 standard (fuse not supplied with the terminal blocks),
- Quickly identify the defective circuit thanks to the blown fuse indicator (with leakage current < 0.5 mA).

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | With blown fuse indicator 115 ... 250 V AC / DC | Grey, dark grey | ZS10-SF-R3 | 1SNK508422R0000 | | 50 | 30.50 |
| | With blown fuse indicator 24 ... 110 V AC / DC | | ZS10-SF-R1 | 1SNK508421R0000 | | 50 | 30.50 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 10 A / 10 mm² | 22 A / 6 AWG |
| **Rated voltage** | | 630 V | 600 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13 mm 0.512 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

Mount your fuse safely without touching any active part: put the fuse into the hooks of the fuse holder shutter; at the closing of the shutter, the fuse is perfectly in place in the fuse holder.

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 4 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 2.5 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV, DNV

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Spacers** | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

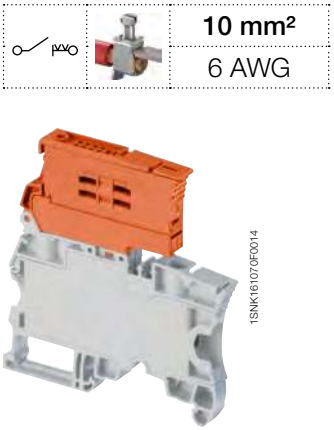
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161053S0201

Technical data valid for copper conductors only.

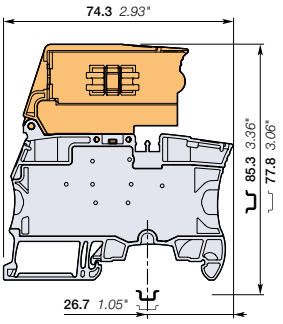
# ZS10-S-R2 screw clamp terminal blocks

## Disconnect with lever - 8 mm 0.315 in spacing



1SNK16107F0014

ZS10-S-R2




**8 mm** 0.315 in spacing

| | |
|---|---|
| | **10 mm²** |
| | 6 AWG |

### Description

Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ZS10-SF:

– With the same profile as ZS10-SF, the ZS10-S-R2 disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | Profile aligned with ZS10-SF | Grey, orange | ZS10-S-R2 | 1SNK508417R0000 | | 50 | 35.90 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 10 A / 4 mm² | 22 A / 25 AWG |
| **Maximum current / Maximum cross section** | | 25 A / 10 mm² | |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 630 V | 600 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

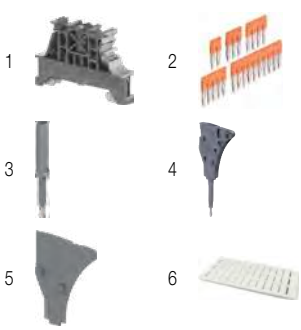
### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13 mm 0.512 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect lever does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Spacers** | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Fuse screw clamp terminal blocks

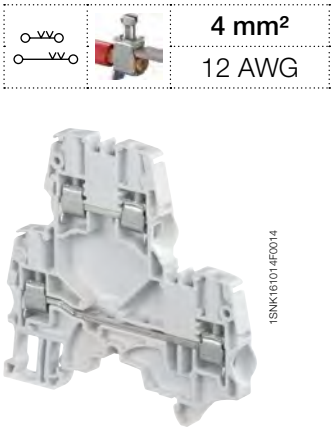
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Fuse** | Closed block | Grey, dark grey | ZS10-SF | 1SNK508418R0000 | | 50 | 28.50 |

1SNK161055S0201

Technical data valid for copper conductors only.

# ZS4-D2 screw clamp terminal blocks

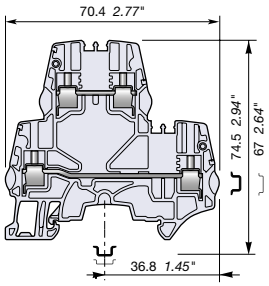
## Double deck with 2 feed-through circuits - 5.2 mm 0.205 in spacing



| | |
|---|---|
| 4 mm² | |
| 12 AWG | |




ZS4-D2




**5.2 mm** 0.205 in spacing

### Description

- Save space with double deck terminal blocks: 2 independent circuits connected in just 5.2 mm 0.205 in spacing,
- Customize yourself the ZS4-D2 by soldering electronic components (up to 8.8 mm x 3.2 mm 0.346 x 0.125 in) in the existing linking bars punching.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 feed-through circuits | Grey | ZS4-D2 | 1SNK505210R0000 | | 50 | 15.30 |
| | | Blue | ZS4-D2-BL | 1SNK505220R0000 | | 50 | 15.30 |
| | | Orange | ZS4-D2-OR | 1SNK505230R0000 | | 50 | 15.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 300 V 20 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10 mm 0.393 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161003S0201

Technical data valid for copper conductors only.

# ZS4-D1 screw clamp terminal blocks

## Double deck with 1 feed-through circuit - 5.2 mm 0.205 in spacing

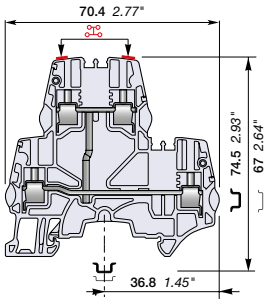
| | |
|---|---|
| 4 mm² | |
| 12 AWG | |

## Description

- Ease one potential distribution on 4 independent screw clamps,
- Save space by connecting conductors up to 4 mm² (CB certified) 12 AWG in just 5.2 mm 0.205 in spacing.




ZS4-D1




**5.2 mm** 0.205 in spacing

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 1 feed-through circuit | Grey | ZS4-D1 | 1SNK505211R0000 | | 50 | 15.30 |

## Main technical data

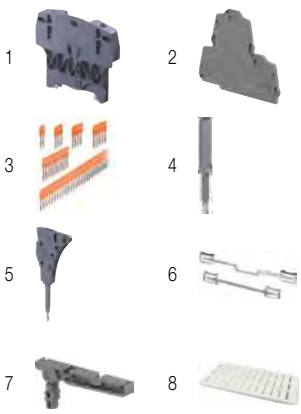
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 300 V 20 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10 mm 0.393 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

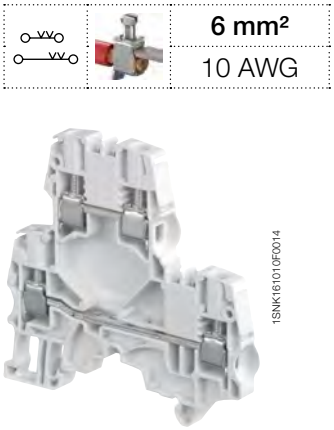
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161007S0201

Technical data valid for copper conductors only.

# ZS6-D2 screw clamp terminal blocks

## Double deck with 2 feed-through circuits - 6 mm 0.236 in spacing

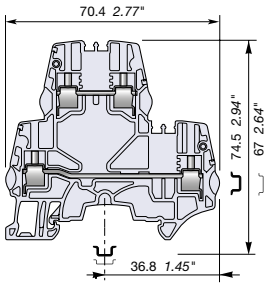


| 6 mm² |
|---|
| 10 AWG |



1SNK161010F0014

ZS6-D2




**6 mm** 0.236 in spacing

### Description

- Save space with double deck terminal blocks: 2 independent circuits connected in just 6 mm 0.236 in spacing,
- Customize yourself the ZS6-D2 by soldering electronic components (up to 8.8 mm x 3.2 mm 0.346 x 0.125 in) in the existing linking bars punching,
- Boost the performances: ZS6-D... with ES4-D2 end section is rated 1000 V DC IEC, perfectly adapted to solar applications.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 feed-through circuits | Grey | ZS6-D2 | 1SNK506210R0000 | | 50 | 18.40 |
| | | Blue | ZS6-D2-BL | 1SNK506220R0000 | | 50 | 18.40 |
| | | Orange | ZS6-D2-OR | 1SNK506230R0000 | | 50 | 18.40 |
| | | Yellow | ZS6-D2-YL | 1SNK506260R0000 | | 50 | 18.40 |
| | | Red | ZS6-D2-RD | 1SNK506262R0000 | | 50 | 18.40 |
| | | White | ZS6-D2-WH | 1SNK506265R0000 | | 50 | 18.40 |
| | | Black | ZS6-D2-BK | 1SNK506266R0000 | | 50 | 18.40 |

### Main technical data

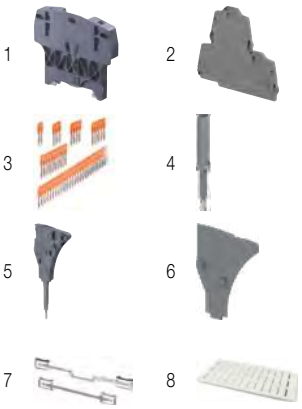
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.2 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 40 A / 6 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 40 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 300 V 30 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10 mm 0.393 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 7 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Ground screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZS6-D2 and ZS6-D1 | Green-yellow | ZS6-D1-PE | 1SNK506250R0000 | | 20 | 18.40 |

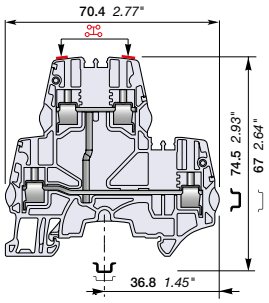
1SNK161014S0201

Technical data valid for copper conductors only.

# ZS6-D1 screw clamp terminal blocks

## Double deck with 1 feed-through circuit - 6 mm 0.236 in spacing

ZS6-D1




**6 mm** 0.236 in spacing

**6 mm²**
10 AWG

### Description

- Ease one potential distribution on 4 independent screw clamps,
- Save space by connecting conductors up to 6 mm² 10 AWG in just 6 mm 0.236 in spacing,
- Boost the performances: ZS6-D... with ES4-D2 end section is rated 1000 V DC IEC, perfectly adapted to solar applications.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 1 feed-through circuit | Grey | ZS6-D1 | 1SNK506211R0000 | | 50 | 18.40 |
| | | Red | ZS6-D1-RD | 1SNK506214R0000 | | 50 | 18.40 |

### Main technical data

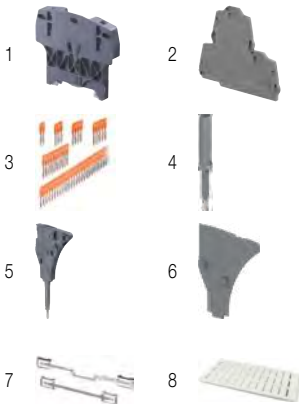
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.2 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 40 A / 6 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | 100 kA |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |
| **Increased safety Ex e** | | 440 V 40 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/II/IIIC – 300 V 30 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U | |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC Ex, ATEX, IECEx, BR-Ex e II, Haz Loc, BV, DNV, Rina

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10 mm 0.393 in |
| Tool | | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 7 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

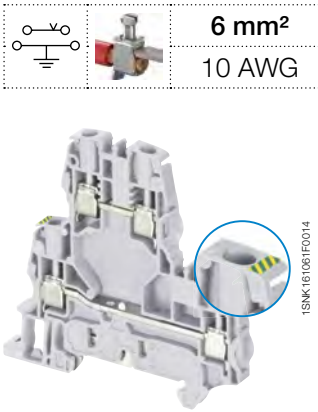
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161013S0201

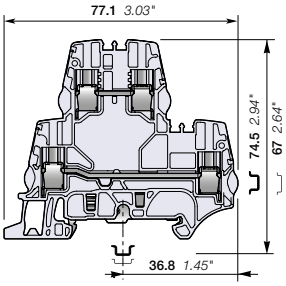
Technical data valid for copper conductors only.

# ZS6-D2-PE screw clamp terminal blocks

## Double deck with 1 feed-through circuit and 1 ground circuit - 6 mm 0.236 in spacing




ZS6-D2-PE




**6 mm** 0.236 in spacing

**6 mm²**
10 AWG

### Description

- Save space with ZS6-D2-PE terminal blocks: 1 feed-through circuit and 1 ground circuit in just 6 mm 0.236 in spacing,
- Customize yourself the ZS6-D2-PE terminal blocks by soldering electronic components (up to 8.8 mm x 3.2 mm 0.346 x 0.125 in) in the existing linking bars punching.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + ground** | 1 feed-through circuit and 1 ground circuit | Grey | ZS6-D2-PE | 1SNK506212R0000 | | 50 | 18.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Rated current / Rated cross section** | | 41 A / 6 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10 mm 0.393 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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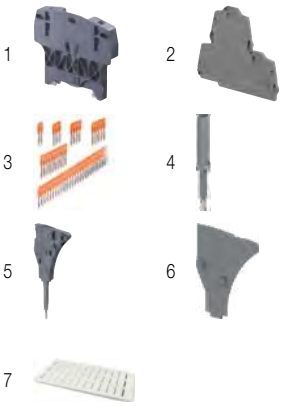



### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 4 | **Test adapters** | For test plugs DIA 4 mm 0.157 in | | Dark grey | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Feed-through screw clamp terminal blocks

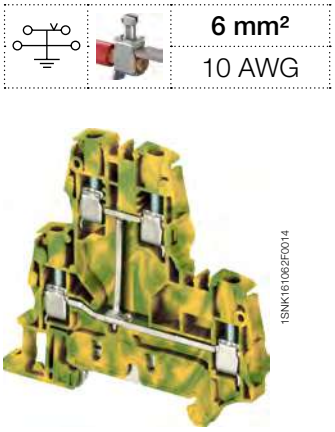
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 feed-through circuits | Grey | ZS6-D2 | 1SNK506210R0000 | | 50 | 18.40 |

1SNK161048S0201

Technical data valid for copper conductors only.

# ZS6-D1-PE screw clamp terminal blocks

## Double deck with 1 ground circuit - 6 mm 0.236 in spacing

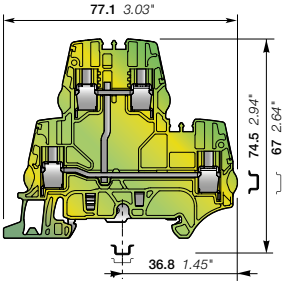


| | |
|---|---|
| 6 mm² | |
| 10 AWG | |



1SNK161062F0014

ZS6-D1-PE




**6 mm** 0.236 in spacing

### Description

- Save space with double deck ground terminal blocks aligned with ZS6-D2 double deck terminal blocks for convenient cabling process and circuit configuration,
- Benefit from our screwless rail connection: non operator independant, secured snap on or remove from the rail, performances above the requirements of IEC 60947-7-2 standard.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 1 ground circuit | Green-yellow | ZS6-D1-PE | 1SNK506250R0000 | | 20 | 18.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 6 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A4-B3 | |
| **Rated cross section** | | 6 mm² | 10 AWG |
| **Rated short-time withstand current** (1s) | | 720 A | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10 mm 0.393 in |
| Tool | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque | 0.85 Nm ± 0.15 7.52 lb.in ± 1.33 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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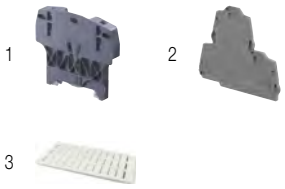


### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

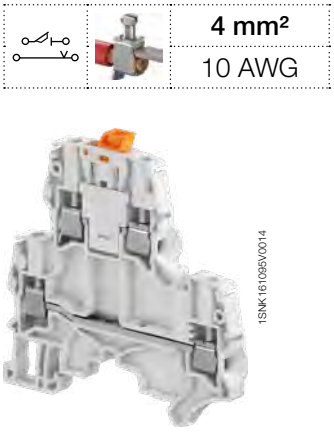
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161049S0201

Technical data valid for copper conductors only.

# ZS4-D2-S screw clamp terminal blocks

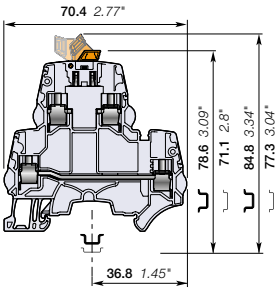
## Double deck with 1 disconnect circuit and 1 feed-through circuit - 5.2 mm 0.205 in spacing



| | |
|---|---|
| 4 mm² | |
| 10 AWG | |




ZS4-D2-S




**5.2 mm** 0.205 in spacing

### Description

- Save space: connect one complete circuit on a single block featuring disconnect and feed-through for the return circuit in just 5.2 mm 0.205 in spacing,
- Same profile as ZS4-D... double deck terminal blocks: convenient cabling process, aligned jumpers, markers and common end section.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + disconnect** | 1 disconnect circuit and 1 feed-through circuit | Grey | ZS4-D2-S | 1SNK505315R0000 | | 50 | 15.90 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Disconnect circuit** | | | |
| **Rated current / Rated cross section** | | 25 A / 4 mm² | 27 A / 10 AWG |
| **Feed-through circuit** | | | |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 27 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.413 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

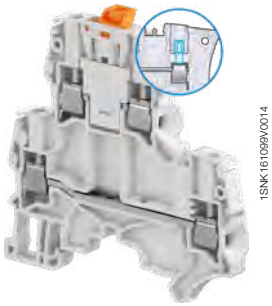
1SNK161074S0201

Technical data valid for copper conductors only.

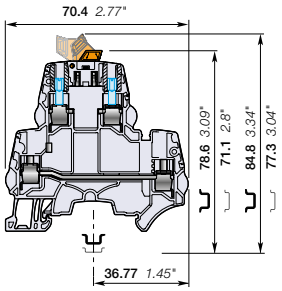
# ZS4-D2-S-T screw clamp terminal blocks

Double deck with 1 disconnect circuit with test socket screws and 1 feed-through circuit - 5.2 mm 0.205 in spacing

| 4 mm² |
|---|
| 10 AWG |




ZS4-D2-S-T




**5.2 mm** 0.205 in spacing

## Description

Find the same functionalities as ZS4-D2-S, upgraded with the two built-in test socket screws meant to ease your signal testing during commissioning and maintenance.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + disconnect** | 1 disconnect circuit with 2 test socket screws and 1 feed-through circuit | Grey | ZS4-D2-S-T2 | 1SNK505316R0000 | | 50 | 16.20 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Disconnect circuit** | | | |
| **Rated current / Rated cross section** | | 25 A / 4 mm² | 27 A / 10 AWG |
| **Feed-through circuit** | | | |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 27 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.413 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

Recommendation for best usage: in horizontal assemblies, disconnect terminal blocks should be mounted with fixed foot on top (power side) so that the disconnect knife does not partially close through gravity. Furthermore, as specified per IEC 60947-7-1, disconnect terminal blocks are intended to be used for temporary disconnection at zero potential and at no load.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR | CSA | EAC | BV | DNV

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

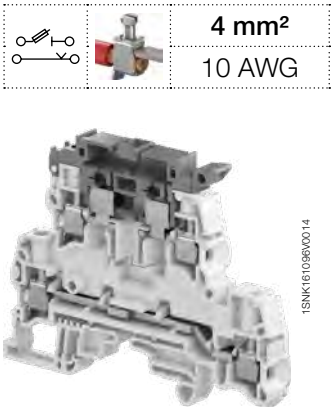
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161075S0201

Technical data valid for copper conductors only.

# ZS4-D2-SF1 screw clamp terminal blocks

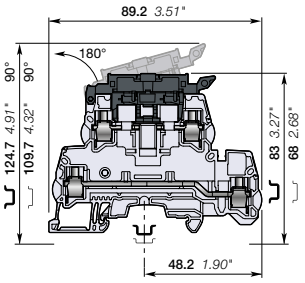
## Double deck with 1 fuse circuit and 1 feed-through circuit - 8 mm 0.315 in spacing



| 4 mm² |
|---|
| 10 AWG |




ZS4-D2-SF1




**8 mm** 0.315 in spacing

## Description

- Save space: connect one complete circuit on a single block featuring fuse and feed-through for the return circuit,
- Protect your circuit with either 5X20 or 5X25 fuse (fuse not supplied with the terminal blocks),
- High performances product: compliant with IEC 60947-7-3 standard and jumper channel for the feed-through circuit.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + fuse** | 1 fuse circuit and 1 feed-through circuit | Grey, dark grey | ZS4-D2-SF1 | 1SNK508425R0000 | | 50 | 27.50 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Disconnect circuit Rated current / Rated cross section** | | 6.3 A / 4 mm² | 12 A / 10 AWG |
| **Feed-through circuit Rated current / Rated cross section** | | 32 A / 4 mm² | 30 A / 10 AWG |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.5 mm | 0.098 in | Dark grey | ES4-D2-SF1 | 1SNK508911R0000 | | 20 | 5.00 |
| 3 | **Jumper bars** | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 4 | **Lateral jumper bars** | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Spacers** | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 8 | **Assembly rods** | 2 poles | | | TGA8 | 1SNA168672R1100 | | 10 | 1.00 |
| | | 3 poles | | | TGA8 | 1SNA168673R1200 | | 10 | 1.50 |
| | | 4 poles | | | TGA8 | 1SNA168674R1300 | | 10 | 2.00 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

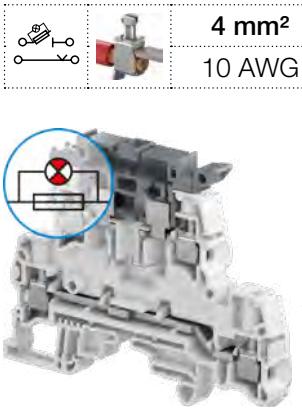
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161076S0201

Technical data valid for copper conductors only.

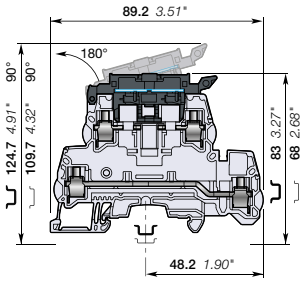
# ZS4-D2-SF1-R screw clamp terminal blocks

## Double deck with 1 fuse circuit with blown fuse indicator and 1 feed-through circuit - 8 mm 0.315 in spacing



1SNK161097V0014

ZS4-D2-SF1-R




**8 mm** 0.315 in spacing

| 4 mm² |
|---|
| 10 AWG |

### Description

- Find the same functionalities as ZS4-D2-SF1, upgraded with our integrated blown fuse indicator (with leakage current < 0.5 mA),
- Only one part number needed to fit AC / DC 24 V up to 110 V.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + fuse** | 1 fuse circuit with blown fuse indicator 115 ... 250 V AC / DC and 1 feed-through circuit | Grey, dark grey | ZS4-D2-SF1-R3 | 1SNK508424R0000 | | 50 | 29.40 |
| | 1 fuse circuit with blown fuse indicator 24 ... 110 V AC / DC and 1 feed-through circuit | | ZS4-D2-SF1-R1 | 1SNK508423R0000 | | 50 | 29.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 6 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 2.5 mm² | 24 ... 14 AWG |
| | Flexible without ferrule | 0.2 ... 2.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| **Disconnect circuit Rated current / Rated cross section** | | 6.3 A / 4 mm² | 12 A / 10 AWG |
| **Feed-through circuit Rated current / Rated cross section** | | 32 A / 4 mm² | 30 A / 10 AWG |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

| | | | | |
|---|---|---|---|---|
| Separate arrangement | | Assembly composed of 1 fuse terminal block in between non fuse terminal blocks | Overload and short-circuit protection | 2.5 W |
| | | | Exclusive short-circuit protection | 4 W |
| Compound arrangement | | Assembly composed of 5 fuse terminal blocks | Overload and short-circuit protection | 1.6 W |
| | | | Exclusive short-circuit protection | 4 W |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors).
All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.5 mm | 0.098 in | Dark grey | ES4-D2-SF1 | 1SNK508911R0000 | | 20 | 5.00 |
| 3 | **Jumper bars** | 2 poles | 57 A (IEC) | Orange | JB8-2 | 1SNK908302R0000 | | 50 | 2.70 |
| | | 3 poles | 57 A (IEC) | | JB8-3 | 1SNK908303R0000 | | 50 | 4.10 |
| | | 4 poles | 57 A (IEC) | | JB8-4 | 1SNK908304R0000 | | 50 | 5.60 |
| | | 5 poles | 57 A (IEC) | | JB8-5 | 1SNK908305R0000 | | 40 | 7.00 |
| | | 10 poles | 57 A (IEC) | | JB8-10 | 1SNK908310R0000 | | 20 | 14.20 |
| 4 | **Lateral jumper bars** | 10 poles | 35 A (IEC) | Grey | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Spacers** | 2.8 mm | 0.110 in | Dark grey | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |
| 8 | **Assembly rods** | 2 poles | | | TGA8 | 1SNA168672R1100 | | 10 | 1.00 |
| | | 3 poles | | | TGA8 | 1SNA168673R1200 | | 10 | 1.50 |
| | | 4 poles | | | TGA8 | 1SNA168674R1300 | | 10 | 2.00 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

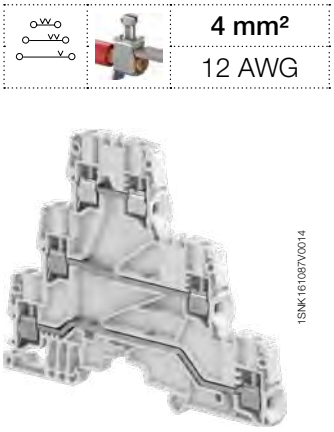
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161077S0201

Technical data valid for copper conductors only.

# ZS4-T3 screw clamp terminal blocks

## Triple deck with 3 feed-through circuits - 5.2 mm 0.205 in spacing

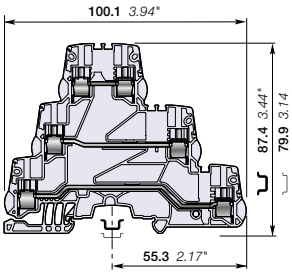


| | |
|---|---|
| 4 mm² | |
| 12 AWG | |



1SNK161087V0014

ZS4-T3




**5.2 mm** 0.205 in spacing

### Description

Save space: 3 independent circuits in just 5.2 mm 0.205 in spacing,

– Fit many applications: space constraints, multiple signals distribution, sensors distribution, thanks to the jumper channels available on each deck.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 feed-through circuits | Grey | ZS4-T3 | 1SNK505212R0000 | | 25 | 24.40 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 32 A / 4 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 10.5 mm 0.413 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 0.8 mm | 0.031 in | Dark grey | ES4-T3 | 1SNK505961R0000 | | 20 | 4.20 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

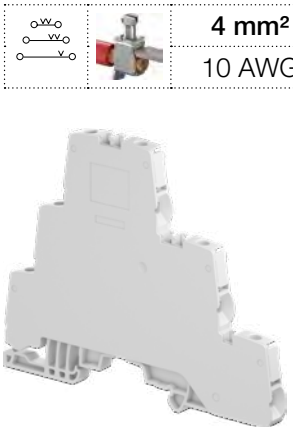
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161072S0201

Technical data valid for copper conductors only.

# ZS4-T3-R1 screw clamp terminal blocks

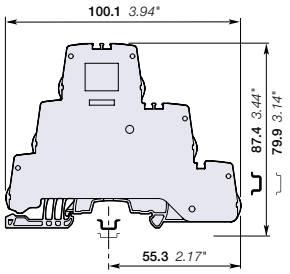
## Triple deck with 3 feed-through circuits - 6 mm 0.236 in spacing



| | |
|---|---|
| 4 mm² | |
| 10 AWG | |




ZS4-T3-R1




**6 mm** 0.236 in spacing

### Description

Unique triple deck solution combining increased connecting capacity ( up to 4 mm² with ferrule) and jumper channel available on each deck,

- Fit many applications: space constraints, multiple signals distribution, sensors distribution,
- Closed terminal block: no end section needed, optimized rigidity.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Closed block with 3 feed-through circuits | Grey | ZS4-T3-R1 | 1SNK506213R0000 | | 50 | 28.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 32 A / 4 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR, CSA, EAC, BV, DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 5 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

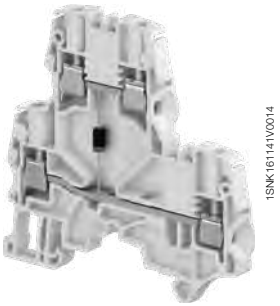
1SNK161073S0201

Technical data valid for copper conductors only.

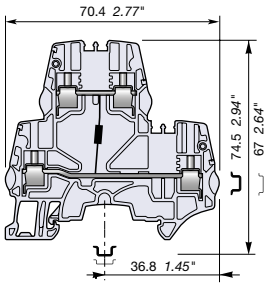
# ZS4-D-CH-UD screw clamp terminal blocks

## Component holder - 5.2 mm 0.205 in spacing

**4 mm²**
12 AWG




ZS4-D-CH




**5.2 mm** 0.205 in spacing

### Description

Protect your circuit with one 1N4007 diode.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Component holder** | Cathode of the blocking diode connected to the lower circuit | Grey | ZS4-D-CH-UD | 1SNK505214R0000 | | 50 | 15.30 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10 mm 0.393 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS USR CNR CSA EAC

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

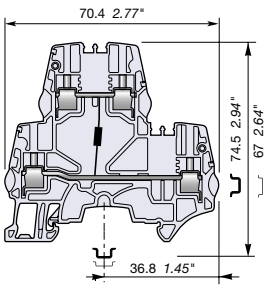
1SNK161090S0201

Technical data valid for copper conductors only.

# ZS4-D-CH-DU screw clamp terminal blocks

## Component holder - 5.2 mm 0.205 in spacing

ZS4-D-CH




**5.2 mm** 0.205 in spacing

| | | |
|---|---|---|
| | | 4 mm² |
| | | 12 AWG |

### Description

Protect your circuit with one 1N4007 diode.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Component holder** | Cathode of the blocking diode connected to the upper circuit | Grey | ZS4-D-CH-DU | 1SNK505215R0000 | | 50 | 15.30 |

### Main technical data

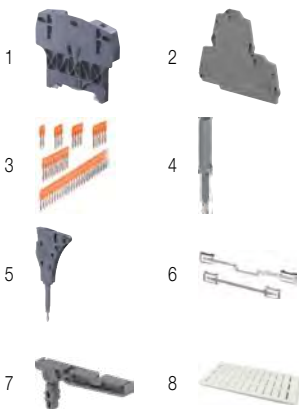
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 12 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 14 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.2 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10 mm 0.393 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE RoHS USR CNR CSA EAC




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |
| 2 | **End sections** | 2.55 mm | 0.100 in | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Shield connectors** | | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |
| 7 | **Label holders** | | | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161091S0201

Technical data valid for copper conductors only.

## Secure your measurement operations

The new ZS10-ST test & measurement terminal blocks benefit from our long experience in the energy applications and from the SNK features: performances, ergonomy, common accessories and marking.

### High performances

- 10 mm² 6 AWG
- 6 mm² 10 AWG with ferrule
- 50 A (IEC) 53 A (UL
- Worldwide certifications



## Rely on our smart design

**Insulated short circuit bridges: SC-JB8**

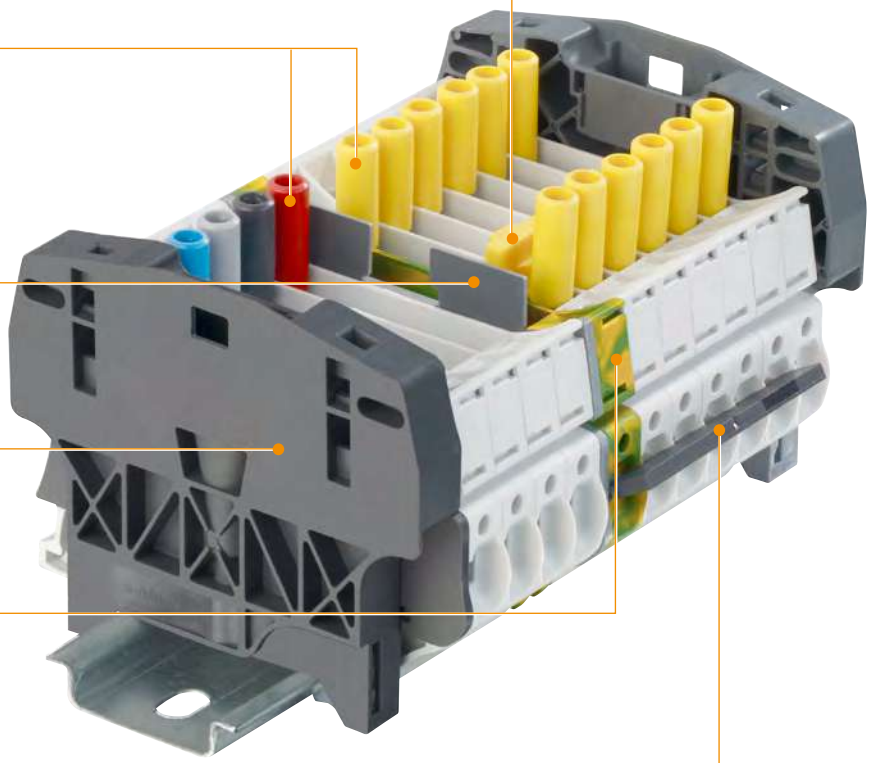
**Insulated captive test sockets: AJS9**
6 colors
compatible with standard
DIA. 4 mm test plugs
(IEC 60010-031)

**Circuit separators: CS**
For visual separation between
CT & PT circuits

**Protecting cover kits: KCO**

**New ground terminal block: ZS10-PE-R1**

**Lateral jumper bar: PC8**
For CT or PT commoning



1SNK160057S0201

Assembly with protecting cover

Drilling and centering guide

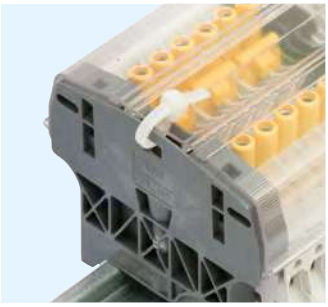
## Guarantee access only to authorized operators

cover can be permanently sealed with a seal or cable tie.

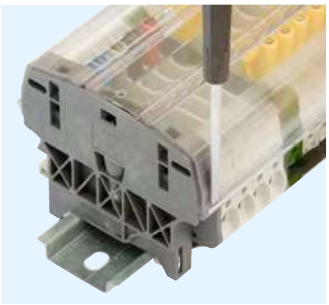
Centering drilling guide for seal or cable tie.

The cover is specially designed to ease its mounting or removal:

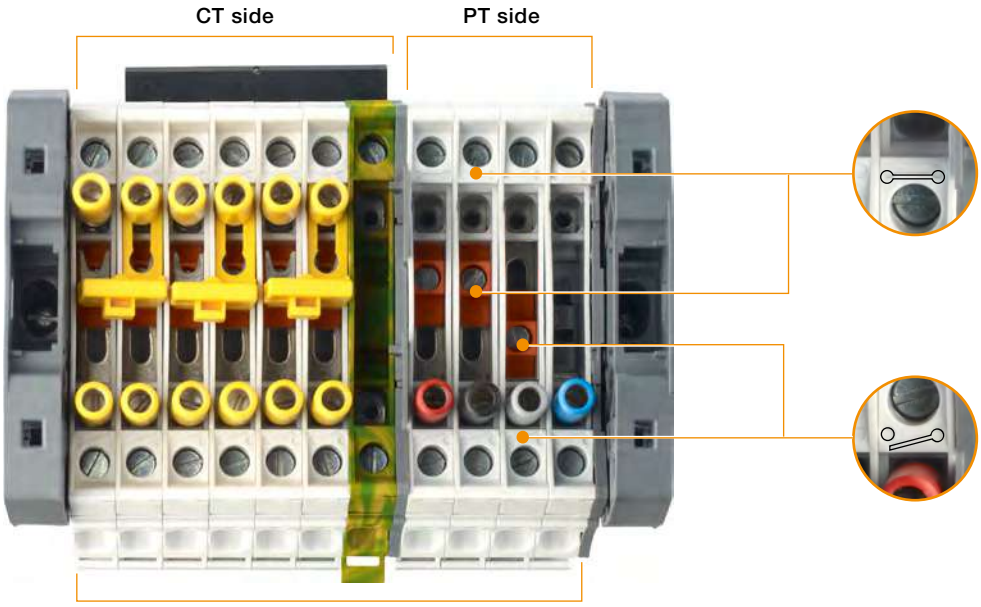
– Hook shape on each side for convenient removal with screwdriver



Seal with cable tie



Convenient removal with screwdriver




**sliding link status: closed**

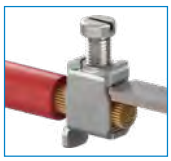
**Disconnect sliding link status:**
Open and close symbols help to visualize the sliding link position

**sliding link status: opened**

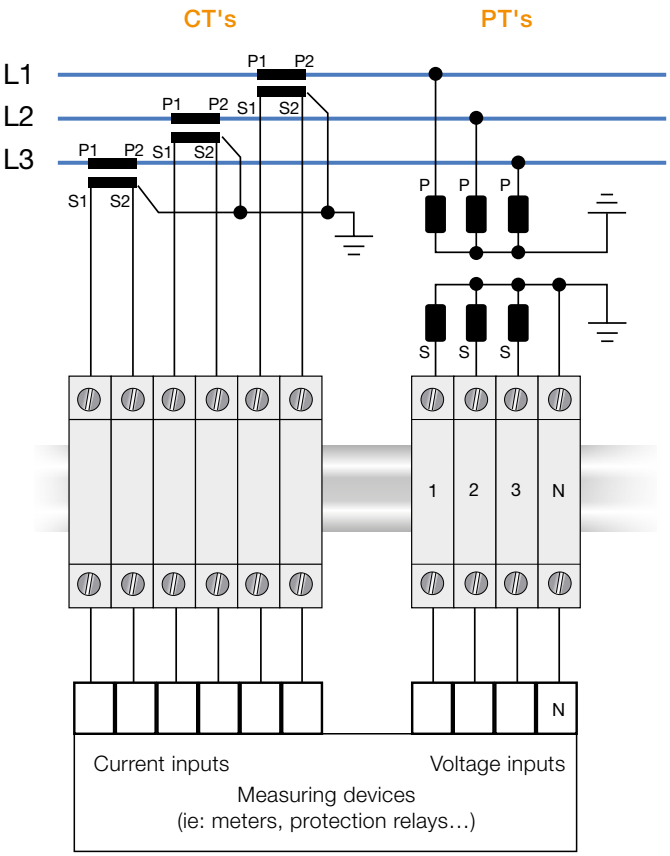
## Short-circuit CT circuits safely and conveniently

1. Fully operated by screwdriver (DIA 3.5 mm)
2. Short-circuited position secured thanks to AJS9 test sockets tightening
3. Adapted hook shape maintain the bridge on terminal block in the non connected position

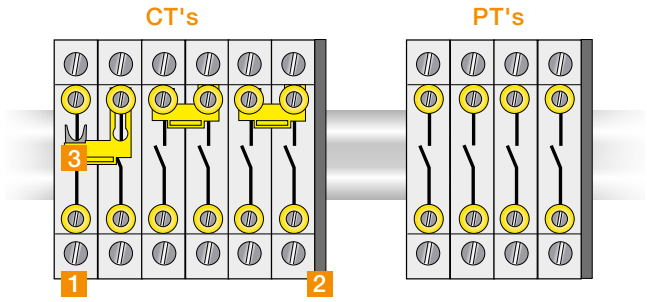
1SNK160057S0201



## Common point on the transformers

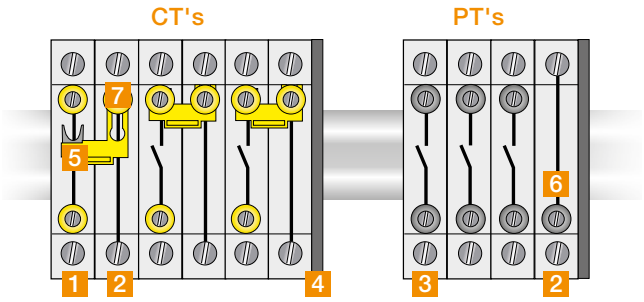



### Bill of material optimized



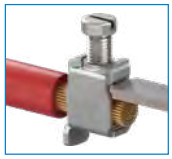

| Description | Type | Order code | Qty needed | |
|---|---|---|---|---|
| | | | CT's | PT's |
| 1 Terminal block | ZS10-ST-T4 | 1SNK508311R0000 | 6 | 4 |
| 2 End section | ES10-ST | 1SNK508910R0000 | 1 | 1 |
| 3 Short-circuit bridges | SC-JB8-2 | 1SNK900652R0000 | 3 | 0 |

### Bill of material with convenient customization (test sockets, feed-through terminals…)

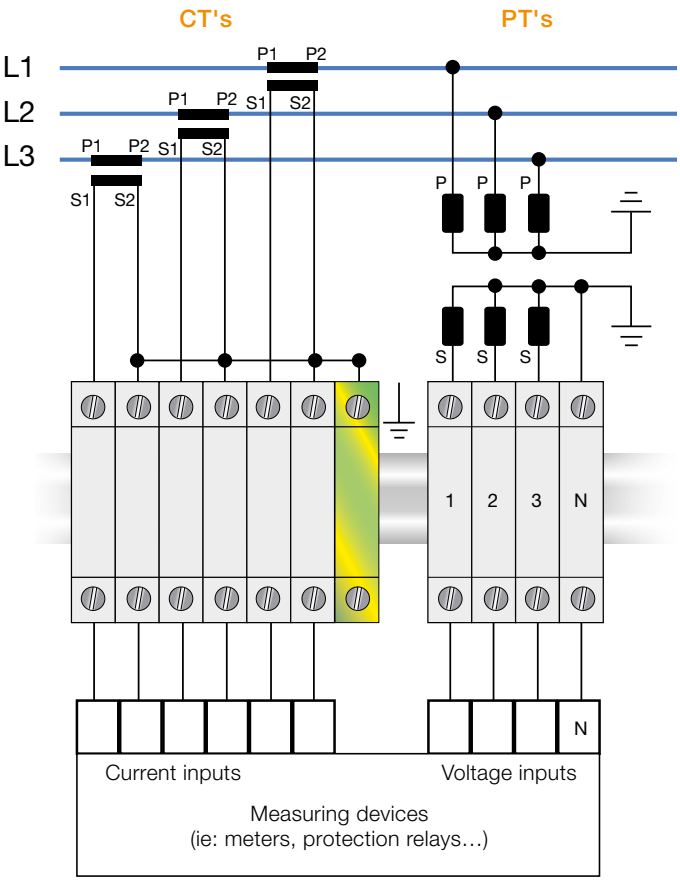



| Description | Type | Order code | Qty needed | |
|---|---|---|---|---|
| | | | CT's | PT's |
| 1 Terminal block | ZS10-ST-T4 | 1SNK508311R0000 | 3 | 0 |
| 2 Terminal block | ZS10-R1 | 1SNK508011R0000 | 3 | 1 |
| 3 Terminal block | ZS10-ST-1 | 1SNK508312R0000 | 0 | 3 |
| 4 End section | ES10-ST | 1SNK508910R0000 | 1 | 1 |
| 5 Short-circuit bridges | SC-JB8-2 | 1SNK900652R0000 | 3 | 0 |
| 6 Test socket | AL4-M3 | 1SNA206721R0100 | 0 | 1 |
| 7 Insulated test socket | AJS9 | 1SNA179726R0200 | 3 | 0 |

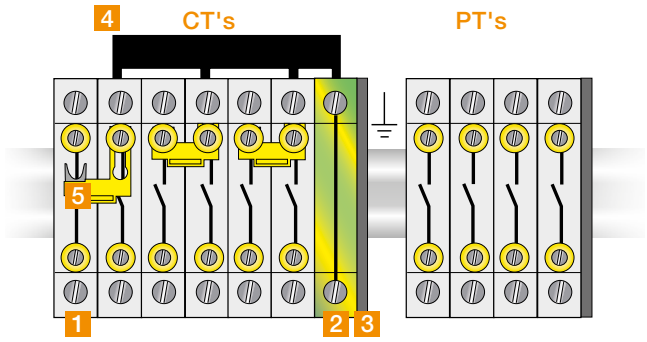
1SNK160058S0201



## Common point on the terminal block assembly

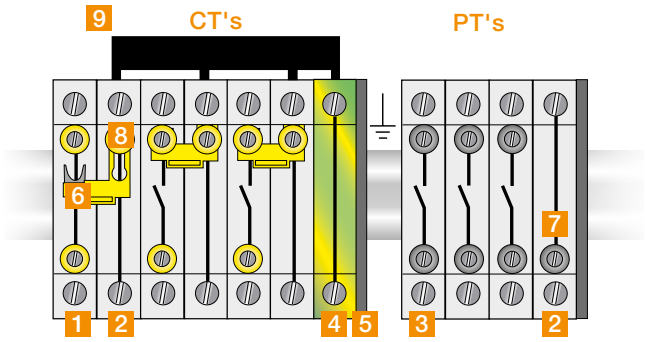



### Bill of material optimized




| | Description | Type | Order code | Qty needed | |
|---|---|---|---|---|---|
| | | | | CT's | PT's |
| 1 | Terminal block | ZS10-ST-T4 | 1SNK508311R0000 | 6 | 4 |
| 2 | Terminal block | ZS10-PE-R1 | 1SNK508151R0000 | 1 | 0 |
| 3 | End section | ES10-ST | 1SNK508910R0000 | 1 | 1 |
| 4 | Lateral jumper bars | PC8-R1 | 1SNA400711R0600 | 1 | 0 |
| 5 | Short-circuit bridges | SC-JB8-2 | 1SNK900652R0000 | 3 | 0 |

### Bill of material with convenient customization (test sockets, feed-through terminals...)




| | Description | Type | Order code | Qty needed | |
|---|---|---|---|---|---|
| | | | | CT's | PT's |
| 1 | Terminal block | ZS10-ST-T4 | 1SNK508311R0000 | 3 | 0 |
| 2 | Terminal block | ZS10-R1 | 1SNK508011R0000 | 3 | 1 |
| 3 | Terminal block | ZS10-ST-1 | 1SNK508312R0000 | 0 | 3 |
| 4 | Terminal block | ZS10-PE-R1 | 1SNK508151R0000 | 1 | 0 |
| 5 | End section | ES10-ST | 1SNK508910R0000 | 1 | 1 |
| 6 | Short-circuit bridges | SC-JB8-2 | 1SNK900652R0000 | 3 | 0 |
| 7 | Test socket | AL4-M3 | 1SNA206721R0100 | 0 | 1 |
| 8 | Insulated test socket | AJS9 | 1SNA179726R0200 | 3 | 0 |
| 9 | Lateral jumper bars | PC8-R1 | 1SNA400711R0600 | 1 | 0 |

1SNK160058S0201

# ZS10-ST screw clamp terminal blocks

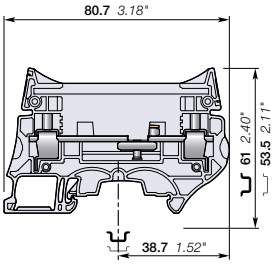
## Test disconnect with sliding link - 8 mm 0.315 in spacing

**10 mm²**

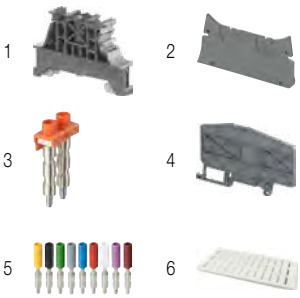
6 AWG

1SNK161065F0014

**ZS10-ST**




**8 mm** 0.315 in spacing




### Description

- Secure your disconnect operations in control circuits with the robust sliding link operated with a screwdriver,
- Customize ZS10-ST with colored test sockets in order to identify conveniently each phase of the Current Transformer or Potential Transformers secondary circuits,
- Fully compatible with the ZS10-ST-T4 accessories.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Disconnect** | Grey | ZS10-ST | 1SNK508310R0000 | | 25 | 24.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 50 A / 10 mm² | 53 A / 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 13 mm 0.512 in |
| Screw clamp Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |
| Disconnect device Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 |
| Torque | | 0.4 Nm ... 0.6 Nm 3.5 lb.in ... 5.3 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | EV | DNV

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | ES10-ST | 1SNK508910R0000 | | 20 | 3.5 |
| 3 | **Jumper bars** | 2 poles | 50 A (IEC) | Orange | JB8-2-R1 | 1SNK908902R0000 | | 10 | 7.6 |
| | | 3 poles | 50 A (IEC) | | JB8-3-R1 | 1SNK908903R0000 | | 10 | 11.6 |
| | | 4 poles | 50 A (IEC) | | JB8-4-R1 | 1SNK908904R0000 | | 10 | 15.5 |
| | | 5 poles | 50 A (IEC) | | JB8-5-R1 | 1SNK908905R0000 | | 10 | 19.4 |
| | | 10 poles | 50 A (IEC) | | JB8-10-R1 | 1SNK908910R0000 | | 10 | 39.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test sockets** | Test sockets DIA 4 mm 0.157 in | | Yellow | AJS9 | 1SNA179726R0200 | | 25 | 3.60 |
| | | | | Black | AJS9-BK | 1SNA206680R1500 | | 25 | 3.60 |
| | | | | Green | AJS9-GN | 1SNA206681R0200 | | 25 | 3.60 |
| | | | | Grey | AJS9-GR | 1SNA206682R0300 | | 25 | 3.60 |
| | | | | Blue | AJS9-BL | 1SNA206683R0400 | | 25 | 3.60 |
| | | | | Red | AJS9-RD | 1SNA206720R1400 | | 25 | 3.60 |
| | | | | White | AJS9-WH | 1SNA206765R0000 | | 25 | 3.60 |
| | | | | Purple | AJS9-PR | 1SNA206772R0000 | | 25 | 3.60 |
| | | | | Brown | AJS9-BR | 1SNA206782R0000 | | 25 | 3.60 |
| | | DIA 4 mm 0.157 in - H=12 mm 0.492 in - M3 screw | | | AL4-M3 | 1SNA206721R0100 | | 50 | 1.10 |
| 6 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

**ZS10-R1**

**ZS10-PE-R1**

### Screw clamp terminal blocks

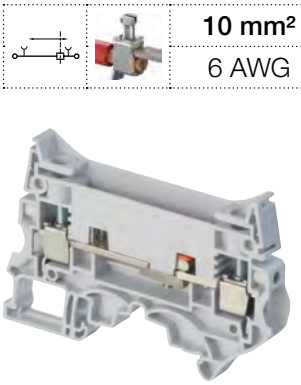
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Profile aligned with ZS10-ST... | Grey | ZS10-R1 | 1SNK508011R0000 | | 25 | 20.90 |
| **Ground** | Profile aligned with ZS10-ST... | Green-yellow | ZS10-PE-R1 | 1SNK508151R0000 | | 25 | 28.40 |

1SNK161056S0201

Technical data valid for copper conductors only.

# ZS10-ST-1 screw clamp terminal blocks

## Test disconnect with sliding link for Potential Transformer circuits - 8 mm 0.315 in spacing

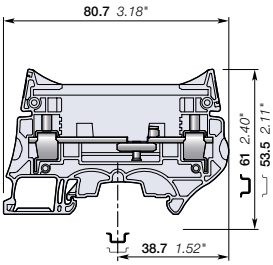


| 10 mm² |
|---|
| 6 AWG |



1SNK161069F0014

ZS10-ST-1




**8 mm** 0.315 in spacing

### Description

Test terminal blocks especially designed for Potential Transformers circuits:

- low profile voltage measurement thanks to the two compact built-in test sockets compatible with DIA 4 mm 0.157 in test plugs,
- Installed with our aligned feed-through and ground terminal blocks, you benefit of a complete and compact solution for your PT circuits.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | With 2 test sockets DIA 4 mm 0.157 in | Grey | ZS10-ST-1 | 1SNK508312R0000 | | 25 | 27.00 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 50 A / 10 mm² | 53 A / 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP10 | NEMA 1 |

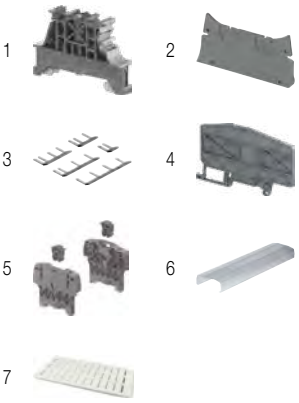
### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 13 mm 0.512 in |
| Screw clamp Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |
| Disconnect device Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 |
| Torque | | 0.4 Nm ... 0.6 Nm 3.5 lb.in ... 5.3 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV

### Accessories



| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | ES10-ST | 1SNK508910R0000 | | 20 | 3.5 |
| 3 | **Lateral jumper bars** | 10 poles | | Black | PC8-10 | 1SNA163313R2400 | | 10 | 14.00 |
| | | 4/6 poles | | | PC8-R1 | 1SNA400711R0600 | | 10 | 6.60 |
| | | 4/8 poles | | | PC8-R2 | 1SNA400712R0700 | | 10 | 7.80 |
| | | 4/10 poles | | | PC8-R3 | 1SNA400713R0000 | | 10 | 9.00 |
| | | 3/4 poles | | | PC8-R4 | 1SNA400724R0300 | | 10 | 4.50 |
| | | 4/7 poles | | | PC8-R5 | 1SNA400842R0000 | | 10 | 6.60 |
| | | 2/3 poles | | | PC8-R6 | 1SNA400843R0000 | | 10 | 6.60 |
| | | 4/6 poles | | | PC8-R7 | 1SNA400849R0000 | | 10 | 6.60 |
| | | 4/8 poles | | | PC8-R8 | 1SNA400850R0000 | | 10 | 7.80 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Protecting cover kits** | | | Dark grey | KCO | 1SNK900624R0000 | | 1 | 47.80 |
| 6 | **Protecting covers** | 1 m 39.4 in length | | Transparent | CO | 1SNK900604R0000 | | 1 | 300.00 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

ZS10-R1 ZS10-PE-R1

### Screw clamp terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Profile aligned with ZS10-ST... | Grey | ZS10-R1 | 1SNK508011R0000 | | 25 | 20.90 |
| **Ground** | Profile aligned with ZS10-ST... | Green-yellow | ZS10-PE-R1 | 1SNK508151R0000 | | 25 | 28.40 |

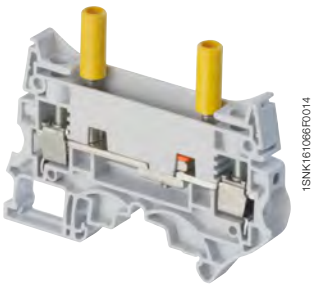
1SNK161062S0201

Technical data valid for copper conductors only.

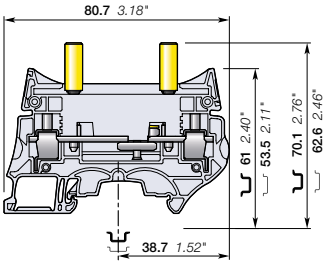
# ZS10-ST-T4 screw clamp terminal blocks

## Test disconnect with sliding link for Current Transformer circuits - 8 mm 0.315 in spacing

**10 mm²**
6 AWG




ZS10-ST-T4




**8 mm** 0.315 in spacing

### Description

Test terminal blocks especially designed for Current Transformers circuits:

- easy and safe current measurement thanks to the two insulated built-in test sockets compatible with IP20 DIA 4 mm 0.157 in test plugs (per IEC60101-031),
- convenient short-circuit operations with the SC-JB insulated sliding bridges.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Disconnect** | With two yellow test sockets DIA 4 mm 0.157 in | Grey | ZS10-ST-T4 | 1SNK508311R0000 | | 25 | 31.90 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 50 A / 10 mm² | 53 A / 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

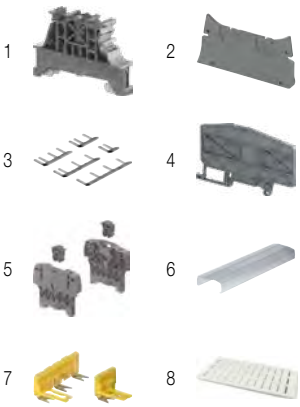
### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13 mm<br>0.512 in |
| Screw clamp Tool | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque | 1.3 Nm ± 0.3<br>11.5 lb.in ± 2.65 |
| Disconnect device Tool | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 |
| Torque | 0.4 Nm ... 0.6 Nm<br>3.5 lb.in ... 5.3 lb.in |
| Test socket Tool | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 |
| Torque | 0.4 Nm ... 0.6 Nm<br>3.5 lb.in ... 5.3 lb.in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV

### Accessories




| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | ES10-ST | 1SNK508910R0000 | | 20 | 3.5 |
| 3 | **Lateral jumper bars** | 10 poles | | Black | PC8-10 | 1SNA163313R2400 | | 10 | 14.00 |
| | | 4/6 poles | | | PC8-R1 | 1SNA400711R0600 | | 10 | 6.60 |
| | | 4/8 poles | | | PC8-R2 | 1SNA400712R0700 | | 10 | 7.80 |
| | | 4/10 poles | | | PC8-R3 | 1SNA400713R0000 | | 10 | 9.00 |
| | | 3/4 poles | | | PC8-R4 | 1SNA400724R0300 | | 10 | 4.50 |
| | | 4/7 poles | | | PC8-R5 | 1SNA400842R0000 | | 10 | 6.60 |
| | | 2/3 poles | | | PC8-R6 | 1SNA400843R0000 | | 10 | 6.60 |
| | | 4/6 poles | | | PC8-R7 | 1SNA400849R0000 | | 10 | 6.60 |
| | | 4/8 poles | | | PC8-R8 | 1SNA400850R0000 | | 10 | 7.80 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Protecting cover kits** | | | Dark grey | KCO | 1SNK900624R0000 | | 1 | 47.80 |
| 6 | **Protecting covers** | 1 m 39.4 in length | | Transparent | CO | 1SNK900604R0000 | | 1 | 300.00 |
| 7 | **Short circuit bridges** | 2 poles | | Yellow | SC-JB8-2 | 1SNK900652R0000 | | 25 | 2.00 |
| | | 3 poles | | | SC-JB8-3 | 1SNK900653R0000 | | 25 | 3.4 |
| | | 4 poles | | | SC-JB8-4 | 1SNK900654R0000 | | 25 | 4.7 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

### Screw clamp terminal blocks

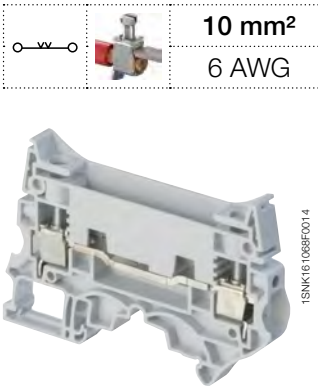
ZS10-R1 ZS10-PE-R1

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Profile aligned with ZS10-ST... | Grey | ZS10-R1 | 1SNK508011R0000 | | 25 | 20.90 |
| **Ground** | Profile aligned with ZS10-ST... | Green-yellow | ZS10-PE-R1 | 1SNK508151R0000 | | 25 | 28.40 |

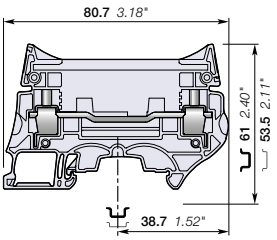
1SNK161057S0201

Technical data valid for copper conductors only.

# ZS10-R1 screw clamp terminal blocks
## Feed-through - 8 mm 0.315 in spacing




ZS10-R1




**8 mm** 0.315 in spacing

| | |
|---|---|
| | **10 mm²** |
| | 6 AWG |

### Description

- With the same profile as the ZS10-ST..., the feed-through ZS10-R1 allows you to fully implement the electrical drawing of your CT or PT circuits,
- Fully compatible with the ZS10-ST... accessories.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | Profile aligned with ZS10-ST... | Grey | ZS10-R1 | 1SNK508011R0000 | | 25 | 20.90 |

### Main technical data

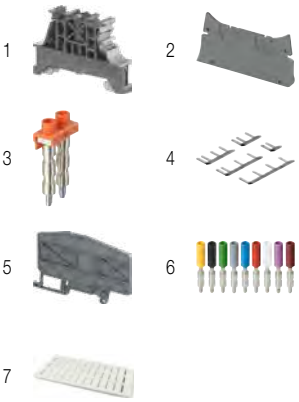
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.5 ... 4 mm² | 20 ... 12 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with twin ferrule | 0.5 ... 4 mm² | 20 ... 12 AWG |
| **Rated current / Rated cross section** | | 57 A / 10 mm² | 62 A / 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | |
| **Short Circuit Current Rating** (with specific conditions) | | | |
| **Rated voltage** | | 630 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 13 mm 0.512 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV DNV




### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | ES10-ST | 1SNK508910R0000 | | 20 | 3.5 |
| 3 | **Jumper bars** | 2 poles | 50 A (IEC) | Orange | JB8-2-R1 | 1SNK908902R0000 | | 10 | 7.6 |
| | | 3 poles | 50 A (IEC) | | JB8-3-R1 | 1SNK908903R0000 | | 10 | 11.6 |
| | | 4 poles | 50 A (IEC) | | JB8-4-R1 | 1SNK908904R0000 | | 10 | 15.5 |
| | | 5 poles | 50 A (IEC) | | JB8-5-R1 | 1SNK908905R0000 | | 10 | 19.4 |
| | | 10 poles | 50 A (IEC) | | JB8-10-R1 | 1SNK908910R0000 | | 10 | 39.00 |
| 4 | **Lateral jumper bars** | 4/7 poles | | Black | PC8-R5 | 1SNA400842R0000 | | 10 | 6.60 |
| | | 2/3 poles | | | PC8-R6 | 1SNA400843R0000 | | 10 | 6.60 |
| | | 4/6 poles | | | PC8-R7 | 1SNA400849R0000 | | 10 | 6.60 |
| | | 4/8 poles | | | PC8-R8 | 1SNA400850R0000 | | 10 | 7.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test sockets** | Test sockets DIA 4 mm 0.157 in | | Yellow | AJS9 | 1SNA179726R0200 | | 25 | 3.60 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161059S0201

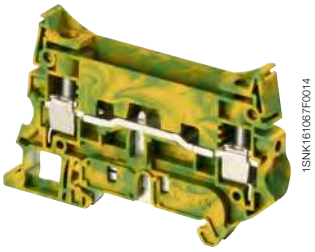
Technical data valid for copper conductors only.

# ZS10-PE-R1 screw clamp terminal blocks

## Ground - 8 mm 0.315 in spacing

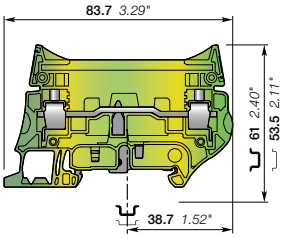
**10 mm²**

6 AWG



1SNK161067F0014

ZS10-PE-R1




**8 mm** 0.315 in spacing

## Description

- With the same profile as the ZS10-ST..., the ground ZS10-PE-R1 allows you to fully implement the electrical drawing of your CT or PT circuits,
- Fully compatible with the ZS10-ST... accessories,
- Short-circuit performances above the requirements of IEC 60947-7-2 terminal block standard,
- Secured snap on or remove from the rail.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | Profile aligned with ZS10-ST... | Green-yellow | ZS10-PE-R1 | 1SNK508151R0000 | | 25 | 28.40 |

## Main technical data

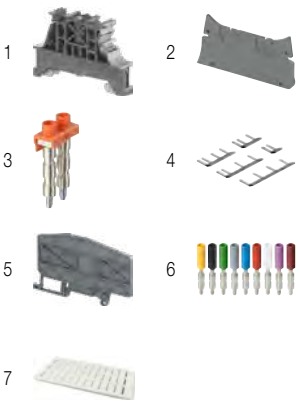
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 10 mm² | 24 ... 6 AWG |
| | Flexible without ferrule | 0.5 ... 10 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 10 mm² | 24 ... 8 AWG |
| | Flexible with insulated ferrule | 0.5 ... 6 mm² | 24 ... 10 AWG |
| | Gauge | A5-B5 | |
| **Rated cross section** | | 10 mm² | 6 AWG |
| **Rated short-time withstand current** (1s) | | 1200 A | 1596 A |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 13 mm 0.512 in |
| Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | | 1.3 Nm ± 0.3 11.5 lb.in ± 2.65 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV | DNV



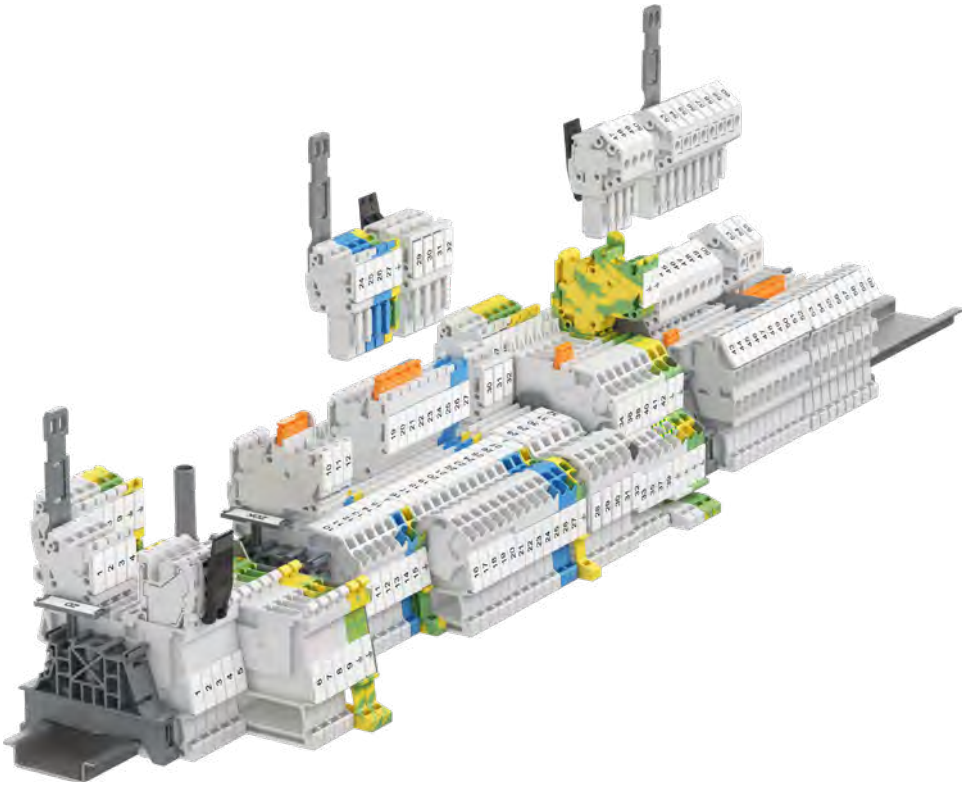

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 2 mm | 0.079 in | Dark grey | ES10-ST | 1SNK508910R0000 | | 20 | 3.5 |
| 3 | **Jumper bars** | 2 poles | 50 A (IEC) | Orange | JB8-2-R1 | 1SNK908902R0000 | | 10 | 7.6 |
| | | 3 poles | 50 A (IEC) | | JB8-3-R1 | 1SNK908903R0000 | | 10 | 11.6 |
| | | 4 poles | 50 A (IEC) | | JB8-4-R1 | 1SNK908904R0000 | | 10 | 15.5 |
| | | 5 poles | 50 A (IEC) | | JB8-5-R1 | 1SNK908905R0000 | | 10 | 19.4 |
| | | 10 poles | 50 A (IEC) | | JB8-10-R1 | 1SNK908910R0000 | | 10 | 39.00 |
| 4 | **Lateral jumper bars** | 4/7 poles | | Black | PC8-R5 | 1SNA400842R0000 | | 10 | 6.60 |
| | | 2/3 poles | | | PC8-R6 | 1SNA400843R0000 | | 10 | 6.60 |
| | | 4/6 poles | | | PC8-R7 | 1SNA400849R0000 | | 10 | 6.60 |
| | | 4/8 poles | | | PC8-R8 | 1SNA400850R0000 | | 10 | 7.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test sockets** | Test sockets DIA 4 mm 0.157 in | | Yellow | AJS9 | 1SNA179726R0200 | | 25 | 3.60 |
| 7 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | | | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

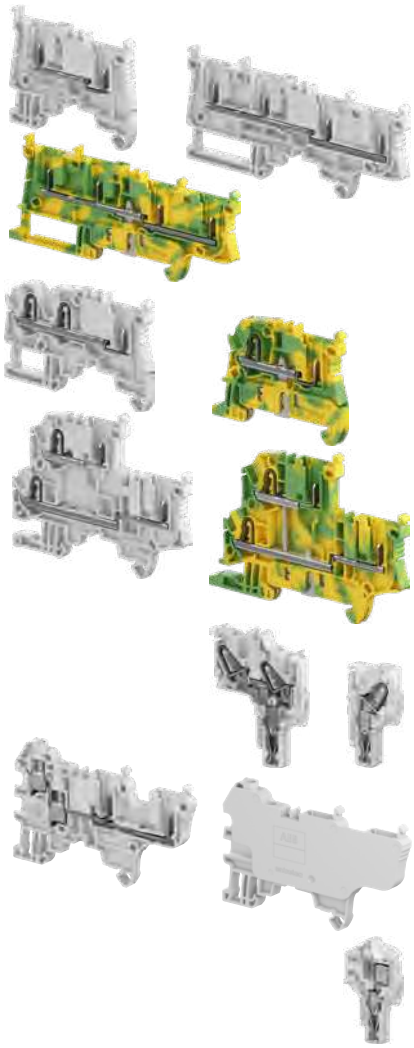
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK161058S0201

Technical data valid for copper conductors only.



# SNK series, terminal blocks
## Pluggable technology

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| Overview | | | 168 |

### PI-Spring Pluggable

**Pluggable Pluggable**

| | | | |
|---|---|---|---|
| 2.5 mm² / 12 AWG | Feed-through | **ZD2.5-11** | 172 |
| | | **ZD2.5-22** | 173 |
| | Ground | **ZD2.5-22-PE** | 174 |

**PI-Spring Pluggable**

| | | | |
|---|---|---|---|
| 2.5 mm² / 12 AWG | Feed-through | **ZDK2.5-11** | 175 |
| | | **ZDK2.5-21** | 176 |
| | | **ZDK2.5-22** | 177 |
| 4 mm² / 10 AWG | Feed-through | **ZDK4-22** | 178 |
| 2.5 mm² / 12 AWG | Ground | **ZDK2.5-11-PE** | 179 |
| | | **ZDK2.5-22-PE** | 180 |
| | Double deck | **ZDK2.5-D2** | 181 |
| | | **ZDK2.5-D1** | 182 |
| | | **ZDK2.5-D2-PE** | 183 |
| | | **ZDK2.5-D1-PE** | 184 |
| PI-Spring female plugs | | **CDK2.5** | 185 |
| | | **CDK2.5-J** | 186 |
| | | **CDK2.5-2P-J** | 187 |
| | | **CDK4** | 188 |

### Screw clamp Pluggable

| | | | |
|---|---|---|---|
| 4 mm² / 10 AWG | Feed-through | **ZDS4-22** | 190 |
| | | **ZDS4-22-R1** | 192 |
| Screw clamp female plugs | | **CDS4** | 191 |
| | | **CDS4-R1** | 193 |

The SNK series pluggable terminal blocks combine the benefits of our smart connections with the flexibility of the pluggable function.

## PI-Spring Pluggable

PI-Spring Pluggable

Pluggable Pluggable

## Screw clamp Pluggable

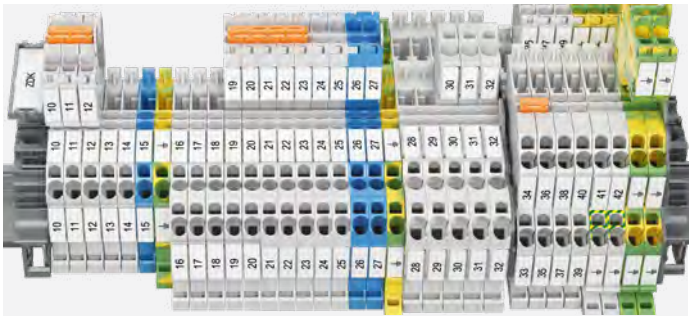
## Speed up your projects

### Modularity brings assembly flexibility

Pluggable technology brings modularity into the electrical installation allowing the combination of sub-assemblies and prewired harnesses that facilitate and considerably accelerate assembly test and factory commissioning.

### Better project identification

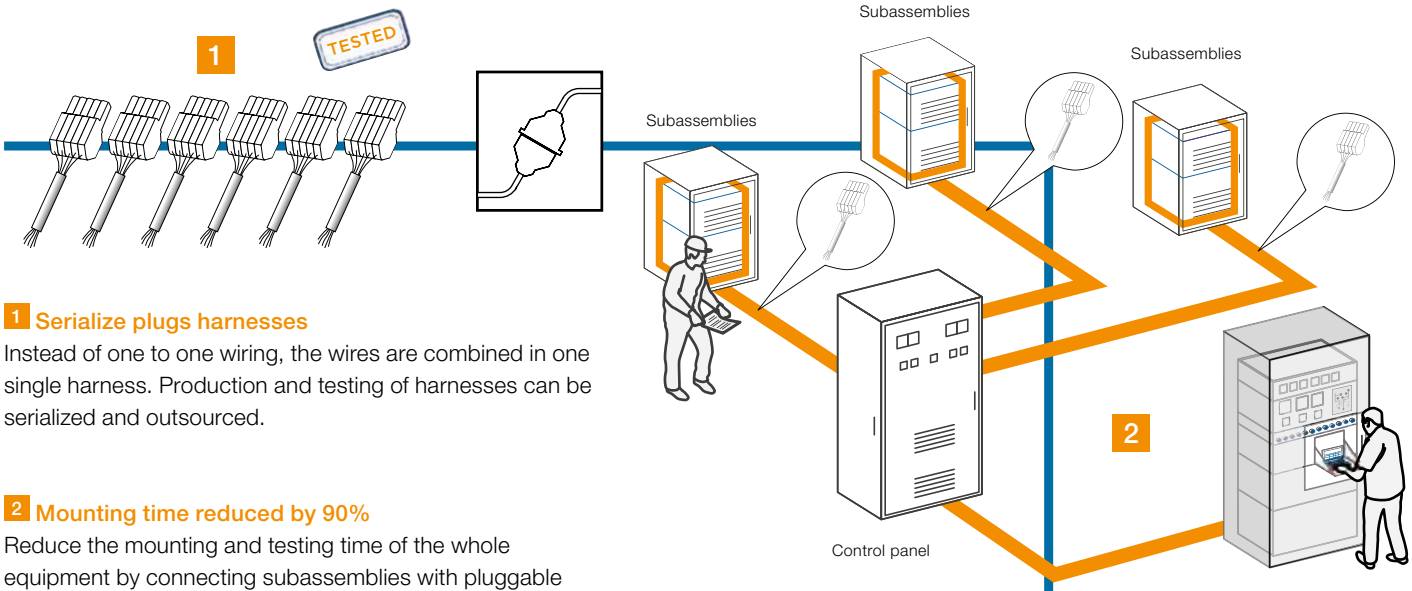
– Circuit identification is improved thanks to the 20% larger marking area
– Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting
– Spare markers re-printing in case of modifications.



Clear circuit identification



1SNK164014S0201 - Rev. A




**1 Serialize plugs harnesses**

Instead of one to one wiring, the wires are combined in one single harness. Production and testing of harnesses can be serialized and outsourced.

**2 Mounting time reduced by 90%**

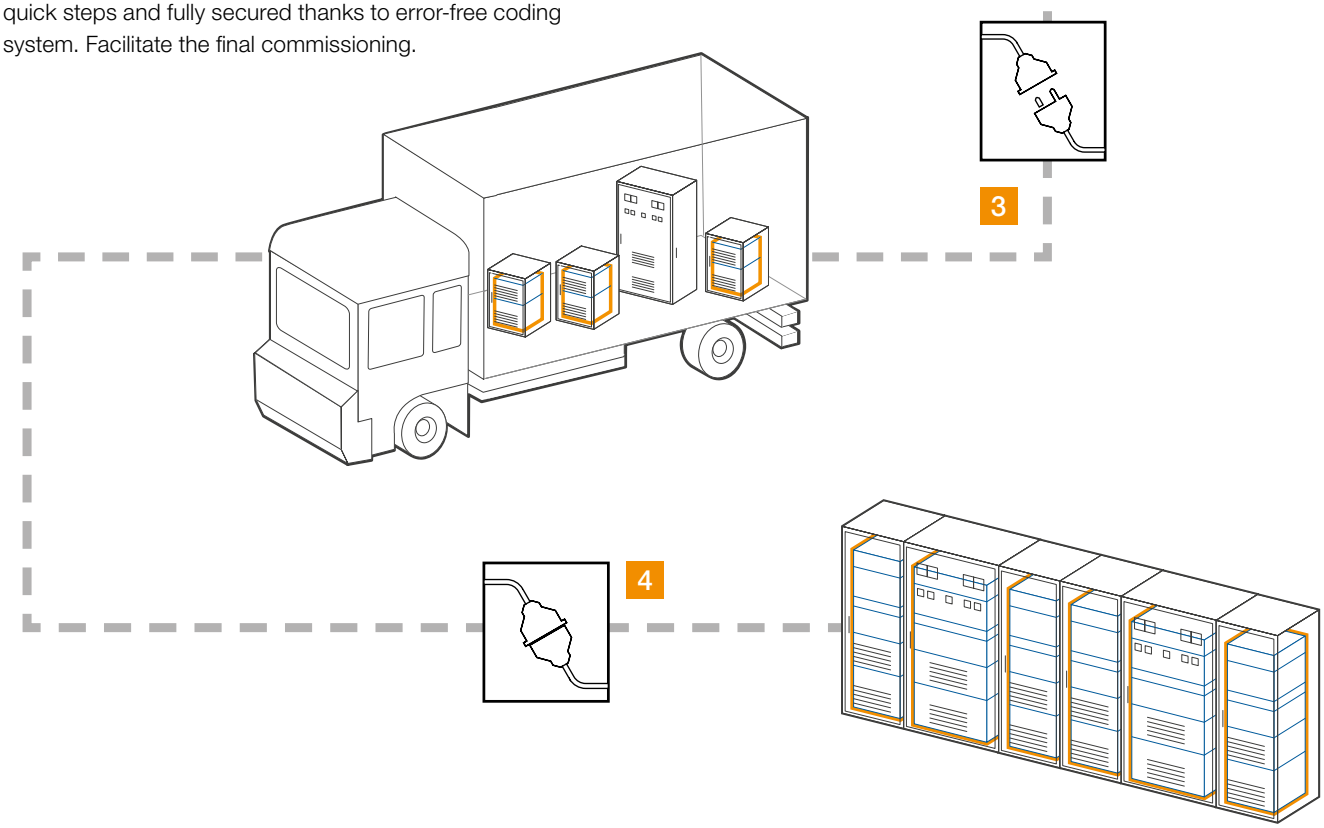
Reduce the mounting and testing time of the whole equipment by connecting subassemblies with pluggable terminal blocks and harnesses. Ease the factory commissioning.

**3 Disconnect for transportation**

Easily disconnect the harnesses if needed for convenient transportation of big equipment.

**4 Quickly secure on-site reconnection**

Secure oan-site installation: final reconnection is done in few quick steps and fully secured thanks to error-free coding system. Facilitate the final commissioning.






1SNK164014S0201 - Rev. A

## Easy to install

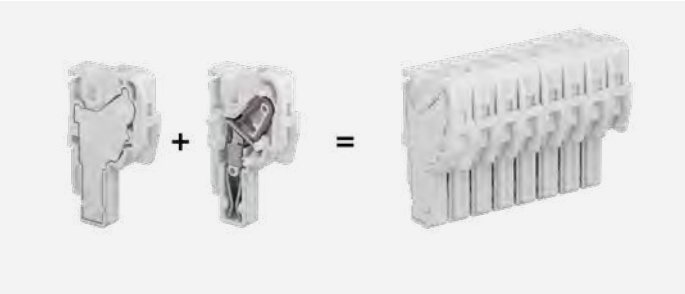
### Smart design facilitating assembly process

Mounting, wiring, testing… made easy.

Create your own assemblies without tooling:

– Easily snap together multiple plugs

– Eliminate stock of pre-configured plugs.



Only two plug variants are required to compose harnesses up to 15 poles

Some plugs feature a jumper channel and/or 2 connections that ease the signal distribution or wiring daisy chaining of subassemblies.

Easy signal distribution on plugs

### Safety and protection

Eliminate connection errors with coding pegs:

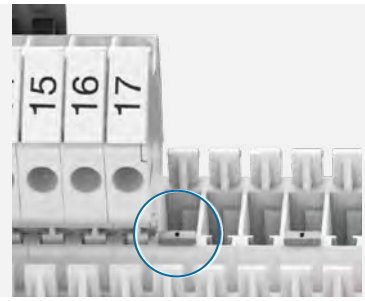
– Simply insert the pegs to create a coding sequence.

Secure your wiring against accidental tearing:

– Automatic locking function

– Lock safely 2 to 8 plugs with only one locking device

– Cable clamp secures the wires onto the plug when pulling the plug assembly.




Convenient coding pegs

Cable clamp & locking device



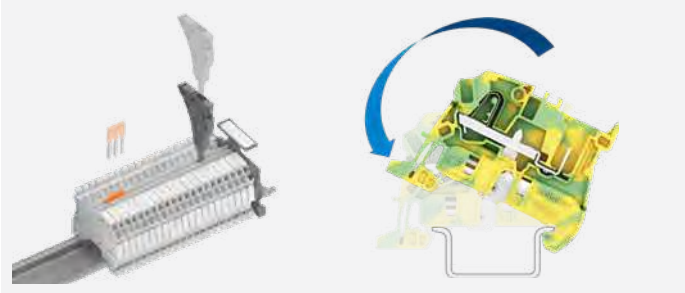
1SNK164014S0201 - Rev. A

### Faster accessories mounting

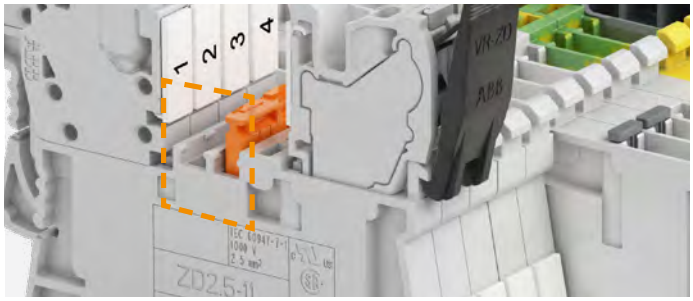
Save up to 70% mounting time thanks to:

– Screwless jumpers, component plugs, test devices, end stops and snap-in ground terminal blocks.

Closed jumper location allows great stiffness of the terminal block, avoid deflection while tightening and optimal jumper guiding.



**Screwless accessories** **Snap-in ground terminal blocks**




**Closed jumper location for stiffness**



### Smart accessories

Flexible test solutions from individual insulated test adapter to test connectors for complete assemblies testing.

– Direct plug-in into jumpers channels

– 5, 6, 8 mm spacing, mixing various spacing is possible

– 1000 V rating.

### Smart plug-in jumpers

Pre-cut poles removable by hand: clean cut.

Insulated up to 1000 V (avoid use of separators).

Predefined shapes in molding to easily identify connected poles with a pen.

**Plug-in individual test adapter** **Plug-in test connector**

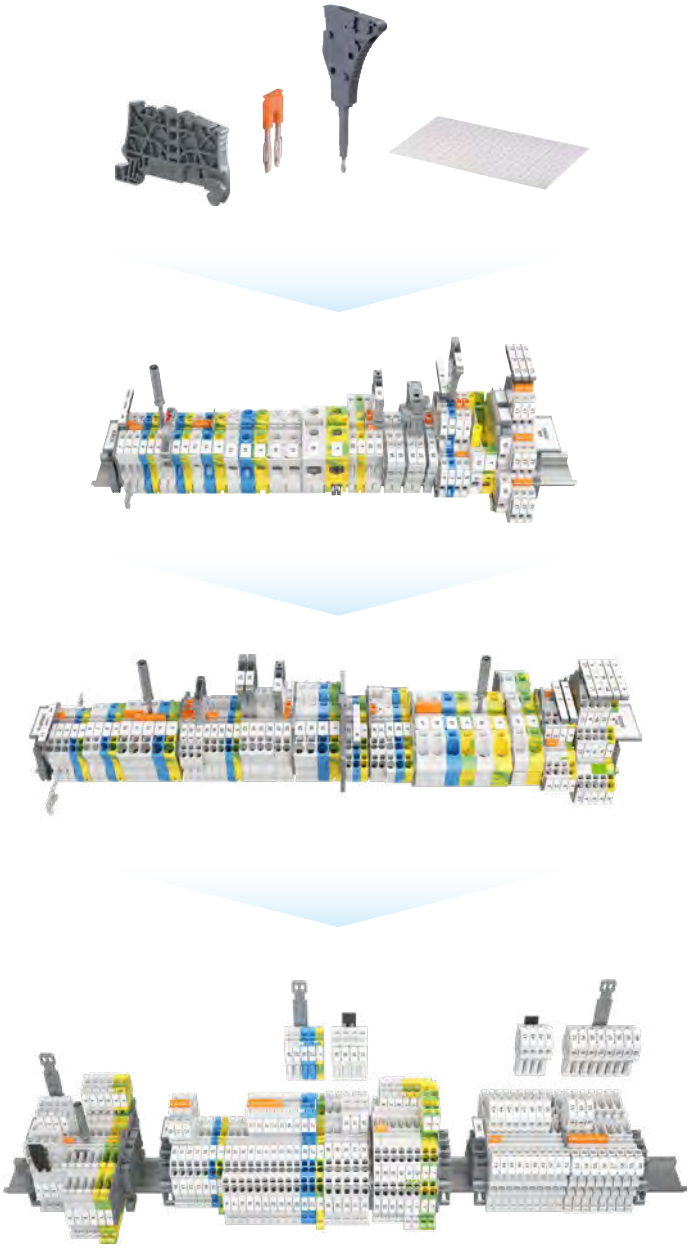
**Pre-cut poles easy removable by hand** **Predefined shape to identify connected poles**

1SNK164014S0201 - Rev. A

## Optimized logistics

### Reduce your accessories inventory by up to 50%

SNK PI-Spring, screw and pluggable ranges share the same accessories.



Shared accessories for SNK PI-Spring, screw and pluggable ranges

### Facilitate maintenance operations

Terminal blocks can be individually removed from a terminal assembly equipped with markers: TE Connectivity markers become independent after strip mounting. The markers remain on terminal in any situation.
Markers are interchangable: the smaller marker can fit any bigger block.

Maintenance operations facilitated

### Reliable in harsh conditions

Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion…



1SNK164014S0201 - Rev. A

1SNK164014S0201 - Rev. A

## SNK series, terminal blocks

Pluggable technology - Range overview from 2.5 to 4 mm² – 12 to 10 AWG

### PI-Spring Pluggable

**Pluggable Pluggable**

**2** Connections
**Single deck**
Feed-through

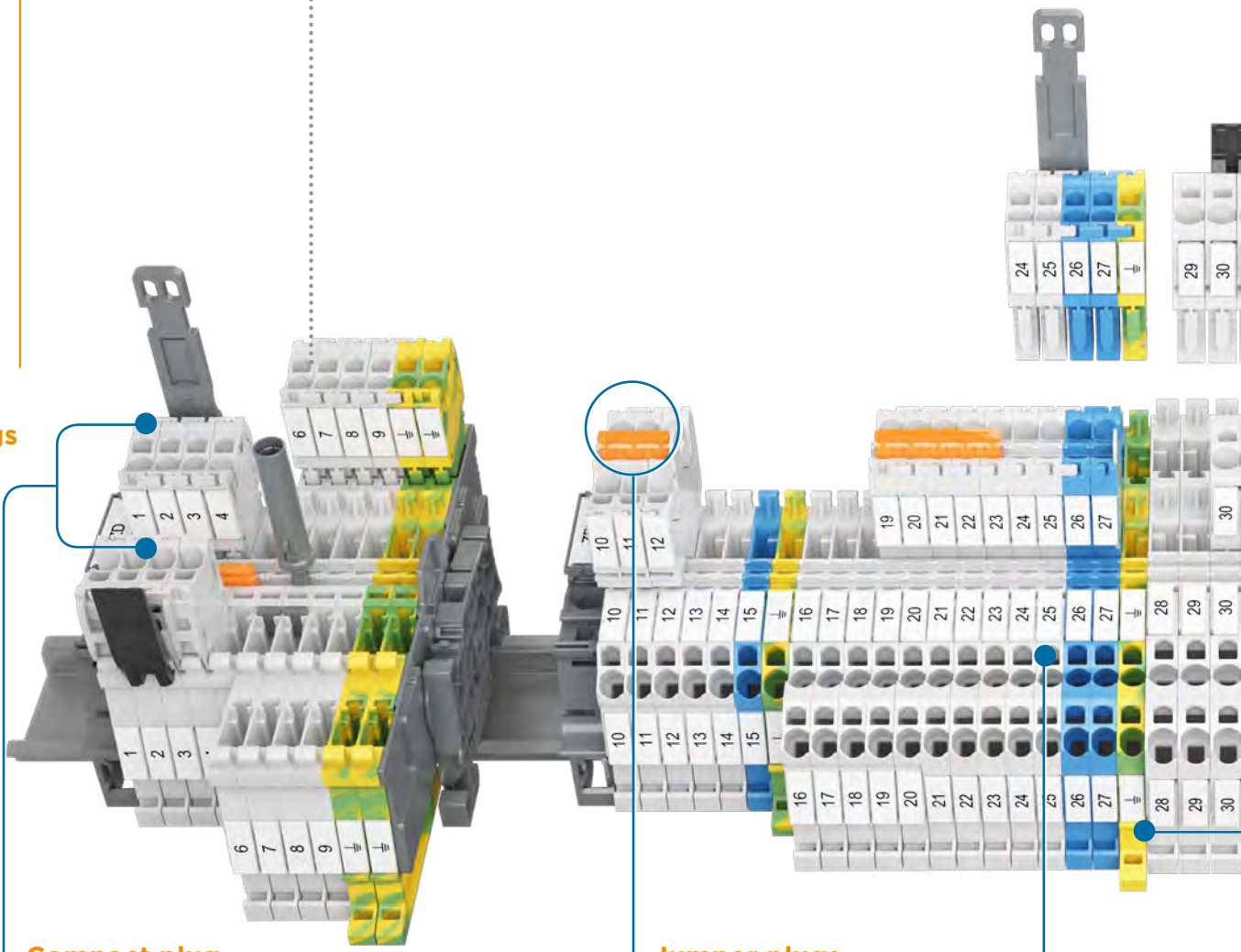
**4** Connections
**Single deck**
Feed-through
Ground

**PI-Spring Pluggable**

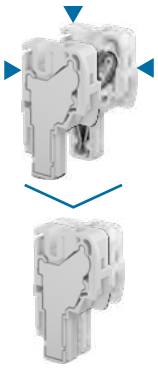
**2** Connections
**Single deck**
Feed-through
Ground

**3** Connections
**Single deck**
Feed-through

**4** Connections
**Single deck**
Feed-through
Ground



**Plugs**



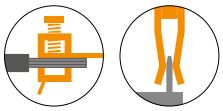
**Compact plug**
Save up to 15% in height

**Reduced plug variants**
Only two plugs variants to create assemblies

**Jumper plugs**
Plugs with 1 or 2 connection & jumper to ease potential distribution

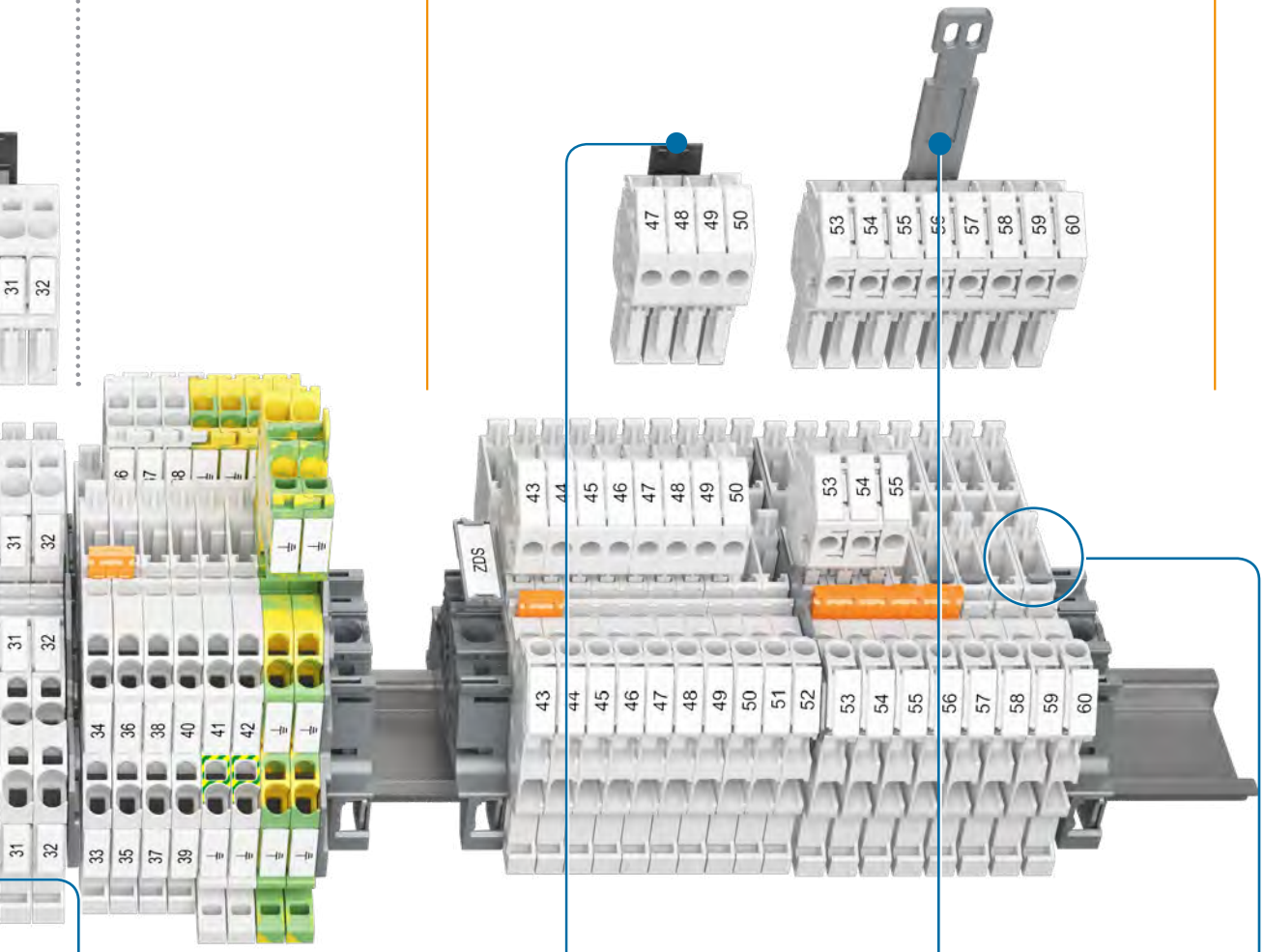
**Voltage test**
Screwdriver entry point accepts category II probes

## Screw clamp Pluggable



**2x2**
Connections
**Double deck**
Feed-through
Ground

**4**
Connections
**Single deck**
Feed-through




**End section**
No need of end section between 2.5 and 4 mm² terminal blocks

**Cable clamp**
Secure the wires ontov the plug when pulling the plug assembly

**Locking device**
Secure plug and wiring against accidental pulling

**Convenient coding pegs**
Guarantee error free plugs insertion

1SNK164013S0201

## PI-Spring Pluggable

### Single deck

| Section | | Feed-through | | Ground | Feed-through | | | Ground | |
|---|---|---|---|---|---|---|---|---|---|
| 2.5 mm² | 12 AWG | ZD2.5-11 | ZD2.5-22 | ZD2.5-22-PE | ZDK2.5-11 | ZDK2.5-21 | ZDK2.5-22 | ZDK2.5-11-PE | ZDK2.5-22-PE |
| 4 mm² | 10 AWG | | | | | | ZDK4-22 | | |

### Double deck

| Section | | Feed-through | | Feed-through + ground | Ground |
|---|---|---|---|---|---|
| 2.5 mm² | 12 AWG | ZDK2.5-D2 | ZDK2.5-D1 | ZDK2.5-D2-PE | ZDK2.5-D1-PE |
| 4 mm² | 10 AWG | | | | |

### PI-Spring female plugs

| Section | | Closed | | Closed | | Closed | | Closed | | Closed | | Closed | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.5 mm² | 12 AWG | CDK2.5 | CDK2.5-E | CDK2.5-J | CDK2.5-J-E | CDK2.5-2P-J | CDK2.5-2P-J-E | CDK2.5-PE | CDK2.5-PE-E | CDK2.5-J-PE | CDK2.5-J-PE-E | CDK2.5-2P-J-PE | CDK2.5-2P-J-PE |
| 4 mm² | 10 AWG | CDK4 | CDK4-E | | | | | | | | | | |

## Screw clamp Pluggable

### Single deck

| Section | | Feed-through |
|---|---|---|
| 4 mm² | 10 AWG | ZDS4-22<br>ZDS4-22-R1 |

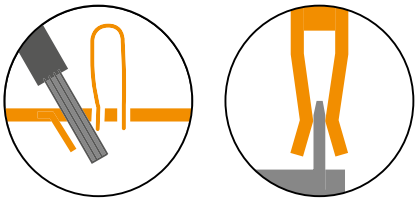
### Screw clamp female plugs

| Section | | Closed | |
|---|---|---|---|
| 4 mm² | 10 AWG | CDS4<br>CDS4-R1 | CDS4-E |

clamp - Channels for jumpering or testing - test socket - Blown-fuse indicator - male pluggable clamp - female pluggable clamp

1SNK164018S0201

# PI-Spring Pluggable



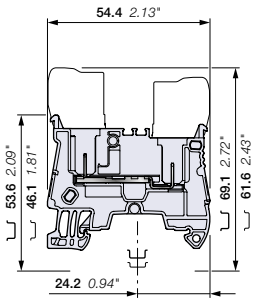
# ZD2.5-11 PI-Spring pluggable terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing

**2.5 mm²**

12 AWG

ZD2.5-11




**5.2 mm** 0.205 in spacing

CDK2.5 CDK2.5-E

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZD2.5-11 | 1SNK805016R0000 | | 50 | 5.66 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | EDK2.5-11 | 1SNK805915R0000 | | 20 | 1.49 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 9 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

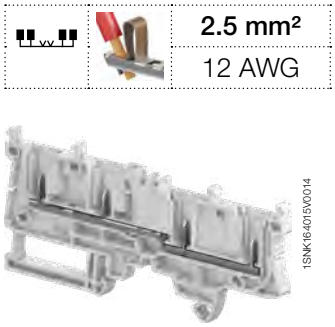
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

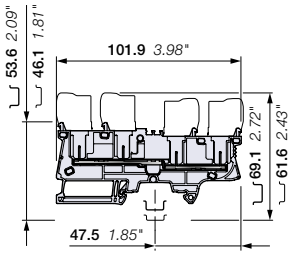
1SNK164020S0201

# ZD2.5-22 PI-Spring pluggable terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing




ZD2.5-22




**5.2 mm** 0.205 in spacing

CDK2.5 CDK2.5-E

**2.5 mm²**

12 AWG

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 4 connections | Grey | ZD2.5-22 | 1SNK805017R0000 | | 50 | 12.00 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.0 mm | 0.079 in | Dark grey | ED2.5-22 | 1SNK805917R0000 | | 20 | 3.64 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 9 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1SNK164021S0201

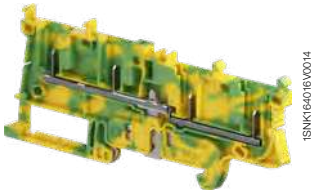
4

# ZD2.5-22-PE PI-Spring pluggable terminal blocks

## Ground - 5.2 mm 0.205 in spacing

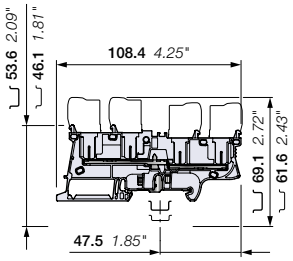
**2.5 mm²**

12 AWG



1SNK164016V0014

ZD2.5-22-PE




**5.2 mm** 0.205 in spacing

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 4 connections | Green-yellow | ZD2.5-22-PE | 1SNK805156R0000 | | 50 | 14.80 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

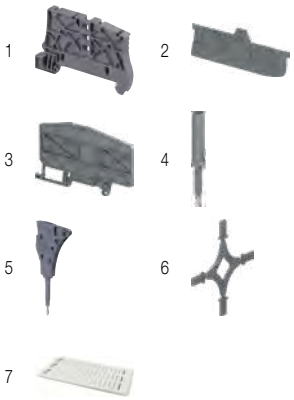
CE CB RoHS USR CNR CSA EAC BV

CDK2.5-PE CDK2.5-PE-E

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Green-yellow | CDK2.5-PE | 1SNK805750R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-PE-E | 1SNK805753R0000 | | 50 | 2.88 |

15 poles max.




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.0 mm | 0.079 in | Dark grey | ED2.5-22 | 1SNK805917R0000 | | 20 | 3.64 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 7 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

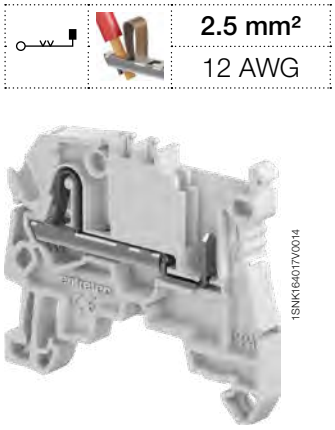
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1SNK164022S0201

# ZDK2.5-11 PI-Spring pluggable terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing

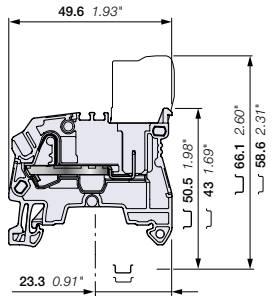


**2.5 mm²**
12 AWG



1SNK164017V0014

ZDK2.5-11




**5.2 mm** 0.205 in spacing

CDK2.5 CDK2.5-E CDK2.5-BL CDK2.5-BL-E

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 2 connections | Grey | ZDK2.5-11 | 1SNK805015R0000 | | 50 | 7.00 |
| | | Blue | ZDK2.5-11-BL | 1SNK805025R0000 | | 50 | 7.00 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.88 |
| **Female plugs** | 1 pole | Blue | CDK2.5-BL | 1SNK805742R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-BL-E | 1SNK805743R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | EDK2.5-11 | 1SNK805915R0000 | | 20 | 1.49 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 9 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

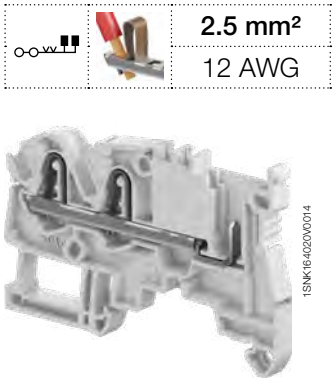
Technical data valid for copper conductors only.

1SNK164023S0201

4

# ZDK2.5-21 PI-Spring pluggable terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing

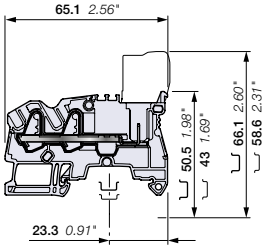


2.5 mm²
12 AWG



1SNK164020V0014

ZDK2.5-21




**5.2 mm** 0.205 in spacing

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 3 connections | Grey | ZDK2.5-21 | 1SNK805014R0000 | | 50 | 7.47 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

CDK2.5 CDK2.5-E

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | EDK2.5-21 | 1SNK805914R0000 | | 20 | 1.90 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 9 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

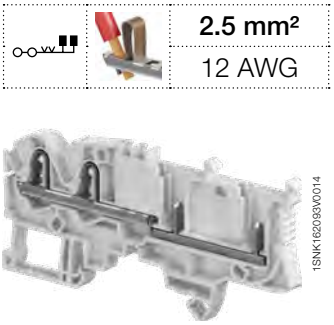
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1SNK164025S0201

# ZDK2.5-22 PI-Spring pluggable terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing

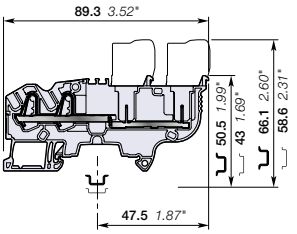


**2.5 mm²**
12 AWG



1SNK162093V0014

**ZDK2.5-22**




**5.2 mm** 0.205 in spacing

### Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

### Ordering details

| Description | | Color | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 4 connections | Grey | ZDK2.5-22 | 1SNK805010R0000 | | 50 | 9.60 |
| **Feed-through** | 4 connections | Blue | ZDK2.5-22-BL | 1SNK805020R0000 | | 50 | 9.60 |

### Main technical data

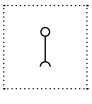
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 22 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

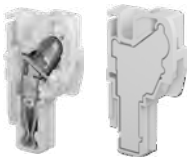
### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV





CDK2.5 CDK2.5-E

### Female plugs

| Description | | Color | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.80 |

15 poles max.

### Accessories

| | Description | | | Color | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | EDK2.5-22 | 1SNK805910R0000 | | 20 | 3.15 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 9 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

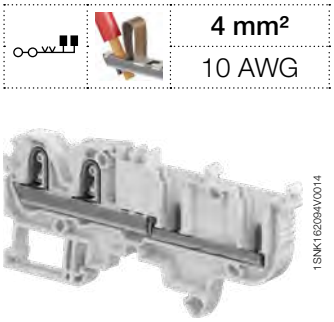
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1SNK164001S0201

# ZDK4-22 PI-Spring pluggable terminal blocks

## Feed-through - 6 mm 0.236 in spacing

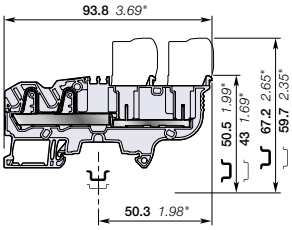


4 mm²
10 AWG



1SNK162094V0014

ZDK4-22




**6 mm** 0.236 in spacing

### Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5-R1 + ES-TC6) withstanding 10 000 operations are compatible for convenient testing.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 4 connections | Grey | ZDK4-22 | 1SNK806010R0000 | | 50 | 14.30 |

### Main technical data

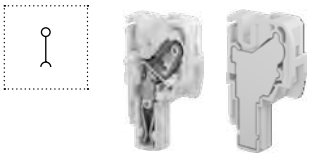
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.5 ... 1 mm² | 26 ... 18 AWG |
| **Rated current / Rated cross section** | | 30 A / 4 mm² | 30 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 12.5 mm 0.492 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV

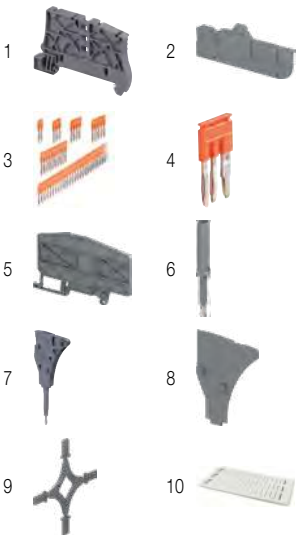


CDK4 CDK4-E

### Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK4 | 1SNK806712R0000 | | 50 | 3.80 |
| **Female plugs without outer nubs - Closed** | | | CDK4-E | 1SNK806713R0000 | | 50 | 4.50 |

15 poles max.




### Accessories

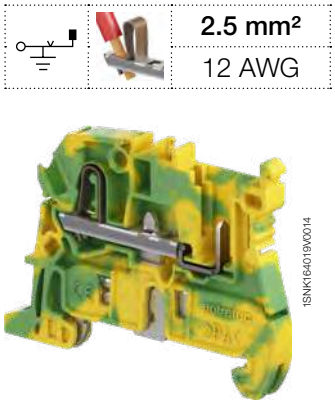
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | EDK2.5-22 | 1SNK805910R0000 | | 20 | 3.15 |
| 3 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 6 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 7 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 8 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 9 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 10 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK164002S0201

Technical data valid for copper conductors only.

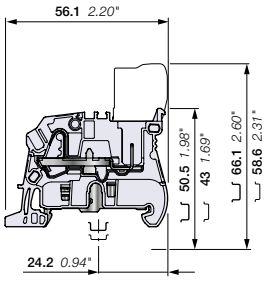
# ZDK2.5-11-PE PI-Spring pluggable terminal blocks
## Ground - 5.2 mm 0.205 in spacing



| | |
|---|---|
| 2.5 mm² | |
| 12 AWG | |

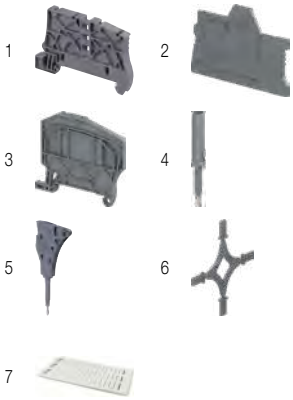
1SNK164019V0014

ZDK2.5-11-PE




**5.2 mm** 0.205 in spacing

CDK2.5-PE CDK2.5-PE-E




## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 2 connections | Green-yellow | ZDK2.5-11-PE | 1SNK805150R0000 | | 50 | 9.62 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Green-yellow | CDK2.5-PE | 1SNK805750R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-PE-E | 1SNK805753R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 1.5 mm | 0.059 in | Dark grey | EDK2.5-11 | 1SNK805915R0000 | | 20 | 1.49 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R2 | 1SNK900106R0000 | | 20 | 3.80 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 7 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

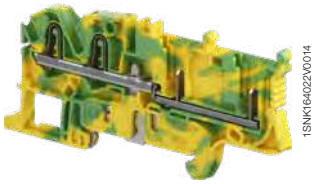
1SNK164024S0201

# ZDK2.5-22-PE PI-Spring pluggable terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing

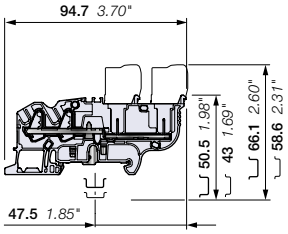
**2.5 mm²**

12 AWG



1SNK164022V0014

ZDK2.5-22-PE




**5.2 mm** 0.205 in spacing

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | 4 connections | Green-yellow | ZDK2.5-22-PE | 1SNK805152R0000 | | 50 | 14.05 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

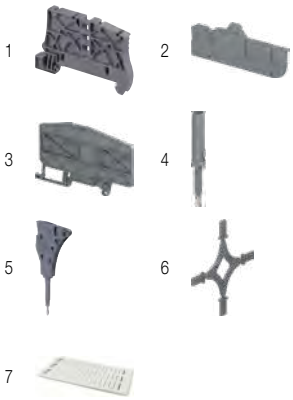
CE CB RoHS USR CNR CSA EAC BV

CDK2.5-PE CDK2.5-PE-E

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Green-yellow | CDK2.5-PE | 1SNK805750R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-PE-E | 1SNK805753R0000 | | 50 | 2.88 |

15 poles max.




## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.2 mm | 0.087 in | Dark grey | EDK2.5-22 | 1SNK805910R0000 | | 20 | 3.15 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 7 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

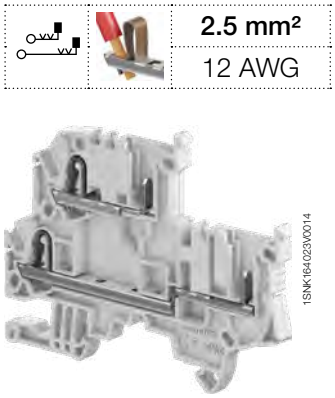
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1SNK164026S0201

# ZDK2.5-D2 PI-Spring pluggable terminal blocks

## Double deck feed-through 2 circuits - 5.2 mm 0.205 in spacing

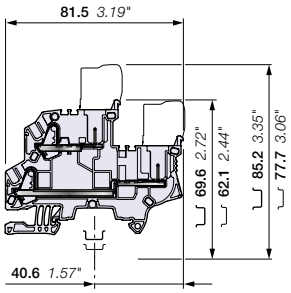


2.5 mm²
12 AWG



1SNK164023V0014

ZDK2.5-D2




**5.2 mm** 0.205 in spacing

CDK2.5 CDK2.5-E CDK2.5-BL CDK2.5-BL-E

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | double deck 4 connections | Grey | ZDK2.5-D2 | 1SNK805213R0000 | | 50 | 11.89 |
| | | Blue | ZDK2.5-D2-BL | 1SNK805223R0000 | | 50 | 11.89 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 800 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.88 |
| **Female plugs** | 1 pole | Blue | CDK2.5-BL | 1SNK805742R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-BL-E | 1SNK805743R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.0 mm | 0.079 in | Dark grey | EDK2.5-D | 1SNK805913R0000 | | 20 | 3.88 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 8 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

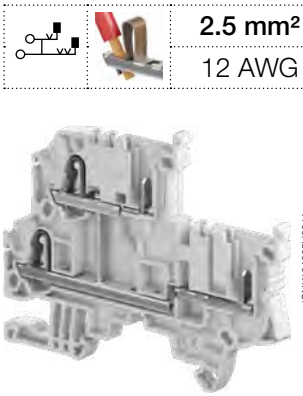
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1SNK164029S0201

# ZDK2.5-D1 PI-Spring pluggable terminal blocks

## Double deck feed-through 1 circuit - 5.2 mm 0.205 in spacing

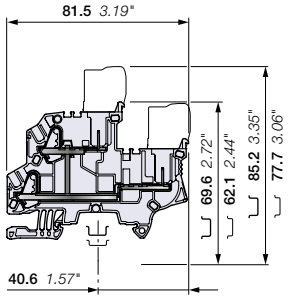


2.5 mm²
12 AWG



1SNK164025V0014

ZDK2.5-D1




**5.2 mm** 0.205 in spacing

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | double deck 4 connections | Grey | ZDK2.5-D1 | 1SNK805214R0000 | | 50 | 12.46 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 800 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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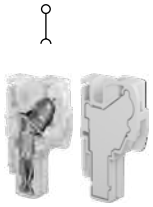


CDK2.5 CDK2.5-E

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.0 mm | 0.079 in | Dark grey | EDK2.5-D | 1SNK805913R0000 | | 20 | 3.88 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 8 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

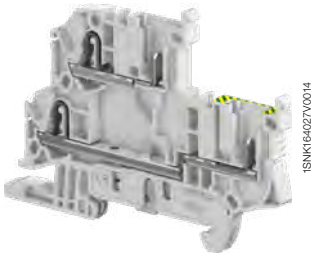
1SNK164027S0201

# ZDK2.5-D2-PE PI-Spring pluggable terminal blocks

## Double deck feed-through + ground - 5.2 mm 0.205 in spacing

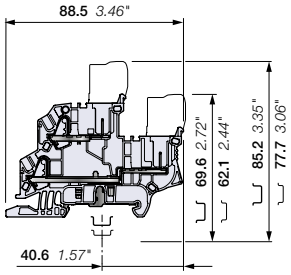
**2.5 mm²**

12 AWG



1SNK164027V0014

ZDK2.5-D2-PE




**5.2 mm** 0.205 in spacing

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through + ground** | double deck 4 connections | Grey, Green-yellow | ZDK2.5-D2-PE | 1SNK805212R0000 | | 50 | 16.13 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 22 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | 396 A |
| **Rated voltage** | | 800 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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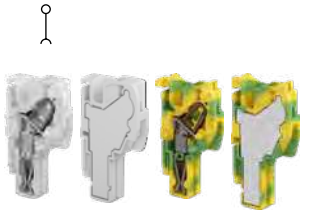


CDK2.5 CDK2.5-E CDK2.5-PE CDK2.5-PE-E

## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.88 |
| **Female plugs** | 1 pole | Green-yellow | CDK2.5-PE | 1SNK805750R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-PE-E | 1SNK805753R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.0 mm | 0.079 in | Dark grey | EDK2.5-D | 1SNK805913R0000 | | 20 | 3.88 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Cross spacing jumpers** | 3 poles | 32 A (IEC) | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 8 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1SNK164030S0201

4

# ZDK2.5-D1-PE PI-Spring pluggable terminal blocks

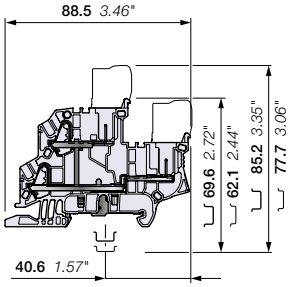
## Double deck ground - 5.2 mm 0.205 in spacing

**2.5 mm²**

12 AWG

1SNK164026V0014

**ZDK2.5-D1-PE**




**5.2 mm** 0.205 in spacing

CDK2.5-PE CDK2.5-PE-E

## Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Ground** | double deck 4 connections | Green-yellow | ZDK2.5-D1-PE | 1SNK805250R0000 | | 50 | 16.80 |

## Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **Rated cross section** | | 2.5 mm² | 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | 396 A |
| **Protection** | | IP20 | NEMA 1 |

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5, TH 35-15 |
| Wire stripping length | | 11 mm 0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

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## Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Green-yellow | CDK2.5-PE | 1SNK805750R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | 1 pole | | CDK2.5-PE-E | 1SNK805753R0000 | | 50 | 2.88 |

15 poles max.

## Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 5.2 mm | 0.205 in | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |
| 2 | **End sections** | 2.0 mm | 0.079 in | Dark grey | EDK2.5-D | 1SNK805913R0000 | | 20 | 3.88 |
| 3 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 4 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 5 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 6 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

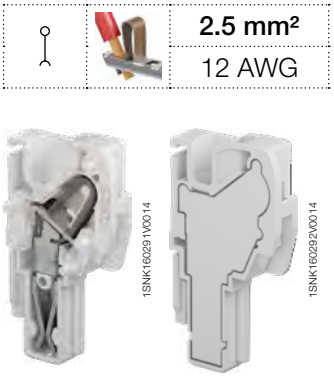
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

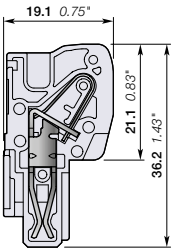
1SNK164028S0201

# CDK2.5 PI-Spring female plugs

## Female plug - 5.2 mm 0.205 in spacing




CDK2.5 CDK2.5-E




**5.2 mm** 0.205 in spacing

| | |
|---|---|
| 2.5 mm² | |
| 12 AWG | |

### Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

### Ordering details

| Description | Color | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Female plugs** | Grey | CDK2.5 | 1SNK805712R0000 | | 50 | 2.80 |
| | Blue | CDK2.5-BL | 1SNK805742R0000 | | 50 | 2.80 |
| | Green-Yellow | CDK2.5-PE | 1SNK805750R0000 | | 50 | 2.80 |
| **Female plugs without outer nubs - Closed** | Grey | CDK2.5-E | 1SNK805713R0000 | | 50 | 2.80 |
| | Blue | CDK2.5-BL-E | 1SNK805743R0000 | | 50 | 2.80 |
| | Green-Yellow | CDK2.5-PE-E | 1SNK805753R0000 | | 50 | 2.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 22 A / 12 AWG |
| **Rated short-time withstand current** (1s) | | 300 A | |
| **Rated voltage** | | 1000 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | |
| Wire stripping length | | 11 mm<br>0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Mounting instructions

15 poles max.

### Accessories

| | Description | | Color | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|
| 1 | **Locking devices** | 9.4 mm 0.370 in spacing | Black | VR-ZD | 1SNK900637R0000 | | 50 | 0.7 |
| 2 | **Cable clamp** | 9.4 mm 0.370 in spacing | Dark grey | PT-ZD | 1SNK900660R0000 | | 50 | 1.04 |
| 3 | **Terminal block markers** | Blank marker | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank strip label | | MG-CPMFA 43196 | 1SNB043196R0012 | | 350 | 2.56 |
| | | Blank card | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

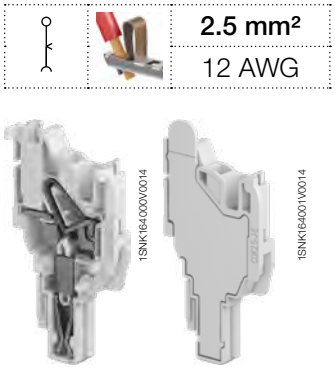
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK164005S0201

Technical data valid for copper conductors only.

# CDK2.5-J PI-Spring female plugs

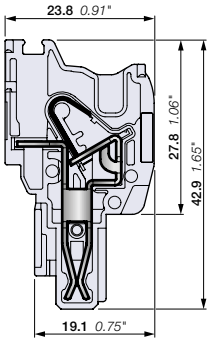
## Female plug - 5.2 mm 0.205 in spacing







CDK2.5-J CDK2.5-J-E




**5.2 mm** 0.205 in spacing

### Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| **Female plugs** | Grey | CDK2.5-J | 1SNK805738R0000 | 50 | 4.08 |
| | Blue | CDK2.5-J-BL | 1SNK805744R0000 | 50 | 4.08 |
| | Green-yellow | CDK2.5-J-PE | 1SNK805748R0000 | 50 | 4.08 |
| **Female plugs without outer nubs - Closed** | Grey | CDK2.5-J-E | 1SNK805739R0000 | 50 | 4.34 |
| | Blue | CDK2.5-J-BL-E | 1SNK805745R0000 | 50 | 4.34 |
| | Green-yellow | CDK2.5-J-PE-E | 1SNK805749R0000 | 50 | 4.34 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 800 V | 600 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

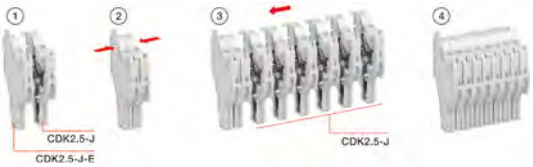
### Mounting instructions

| Rail | | |
|---|---|---|
| Wire stripping length | | 11 mm<br>0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Mounting instructions




15 poles max.

### Accessories

| | Description | | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|
| 1 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | 10 | 36.00 |
| 2 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | 20 | 2.40 |
| 3 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | 10 | 5.20 |
| 4 | **Locking devices** | 9.4 mm 0.370 in spacing | | Black | VR-ZD | 1SNK900637R0000 | 50 | 0.7 |
| 5 | **Strain Relief** | | | Dark grey | PT-ZD | 1SNK900660R0000 | 50 | 1.04 |
| 6 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | 20 | 10.00 |
| | | Blank strip label | | | MG-CPMFA 43196 | 1SNB043196R0012 | 400 | 2.562 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

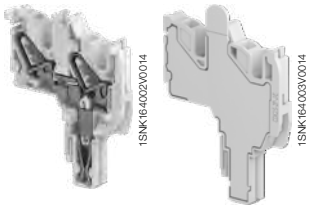
1SNK164031S0201

# CDK2.5-2P-J PI-Spring female plugs

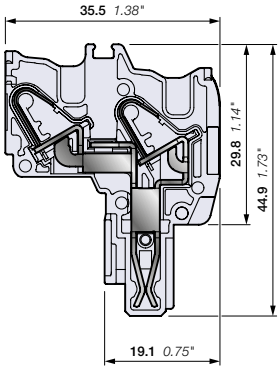
## Female plug - 5.2 mm 0.205 in spacing

**2.5 mm²**

12 AWG




**CDK2.5-2P-J** **CDK2.5-2P-J-E**




**5.2 mm** 0.205 in spacing

### Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| **Female plugs** | Grey | CDK2.5-2P-J | 1SNK805740R0000 | 50 | 5.37 |
| | Blue | CDK2.5-2P-J-BL | 1SNK805746R0000 | 50 | 5.37 |
| | Green-yellow | CDK2.5-2P-J-PE | 1SNK805751R0000 | 50 | 5.37 |
| **Female plugs without outer nubs - Closed** | Grey | CDK2.5-2P-J-E | 1SNK805741R0000 | 50 | 5.74 |
| | Blue | CDK2.5-2P-J-BL-E | 1SNK805747R0000 | 50 | 5.74 |
| | Green-yellow | CDK2.5-2P-J-PE-E | 1SNK805752R0000 | 50 | 5.74 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 26 ... 12 AWG |
| | Flexible without ferrule | 0.22 ... 2.5 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 26 ... 14 AWG |
| **2 conductors per clamp** | Flexible with twin ferrule | 0.22 ... 0.5 mm² | 26 ... 20 AWG |
| **Rated current / Rated cross section** | | 24 A / 2.5 mm² | 20 A / 12 AWG |
| **Rated short-time withstand current (1s)** | | 300 A | |
| **Rated voltage** | | 500 V | 600 V |
| **Impulse withstand voltage** | | 6000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| Rail | | |
|---|---|---|
| Wire stripping length | | 11 mm<br>0.433 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Mounting instructions

15 poles max.

### Accessories

| | Description | | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|
| 1 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | 10 | 36.00 |
| 2 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | 20 | 2.40 |
| 3 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | 10 | 5.20 |
| 4 | **Locking devices** | 9.4 mm 0.370 in spacing | | Black | VR-ZD | 1SNK900637R0000 | 50 | 0.7 |
| 5 | **Strain Relief** | | | Dark grey | PT-ZD | 1SNK900660R0000 | 50 | 1.04 |
| 6 | **Terminal block markers** | Blank card | | White | MC512 | 1SNK140000R0000 | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | 20 | 10.00 |
| | | Blank strip label | | | MG-CPMFA 43196 | 1SNB043196R0012 | 400 | 2.562 |
| | | Blank marker | | | MG-CPM 13 41790 | 1SNB041790R0512 | 1960 | 0.236 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

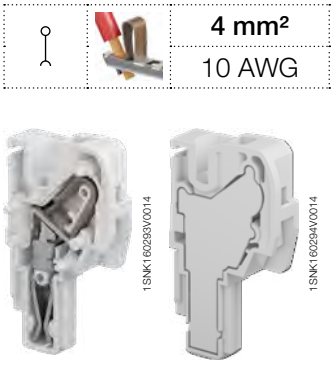
Technical data valid for copper conductors only.



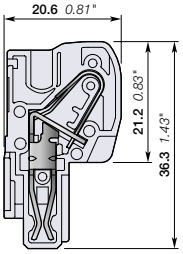
1SNK164032S0201

# CDK4 PI-Spring female plugs

## Female plug - 6 mm 0.236 in spacing




CDK4 CDK4-E




**6 mm** 0.236 in spacing

| | |
|---|---|
| | **4 mm²** |
| | 10 AWG |

### Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Female plugs | Grey | CDK4 | 1SNK806712R0000 | | 50 | 3.80 |
| Female plugs without outer nubs - Closed | | CDK4-E | 1SNK806713R0000 | | 50 | 4.50 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| 1 conductor per clamp | Rigid: Solid/Stranded | 0.5 ... 6 mm² | 26 ... 10 AWG |
| | Flexible without ferrule | 0.5 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| | Flexible with insulated ferrule | 0.5 ... 4 mm² | 26 ... 12 AWG |
| 2 conductors per clamp | Flexible with twin ferrule | 0.5 ... 1 mm² | 26 ... 18 AWG |
| Rated current / Rated cross section | | 30 A / 4 mm² | 30 A / 10 AWG |
| Rated short-time withstand current (1s) | | 480 A | |
| Rated voltage | | 1000 V | 600 V |
| Impulse withstand voltage | | 8000 V | |
| Protection | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | |
| Wire stripping length | | 12.5 mm<br>0.492 in |
| Tool (for flexible conductor without ferrule) | | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Mounting instructions

15 poles max.

### Accessories

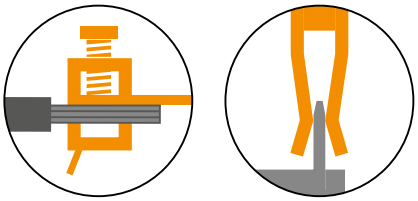
| | Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|
| 1 | Locking devices | 9.4 mm 0.370 in spacing | Black | VR-ZD | 1SNK900637R0000 | | 50 | 0.7 |
| 2 | Cable Clamp | 9.4 mm 0.370 in spacing | Dark grey | PT-ZD | 1SNK900660R0000 | | 50 | 1.04 |
| 3 | Terminal block markers | Blank marker | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank strip label | | MG-CPMFA 43196 | 1SNB043196R0012 | | 350 | 2.56 |
| | | Blank card | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK164006S0201

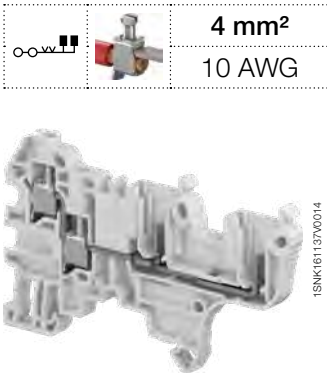
Technical data valid for copper conductors only.

# Screw clamp Pluggable

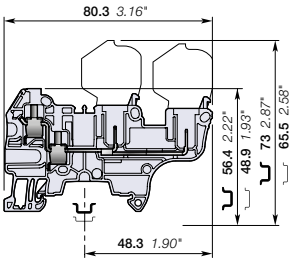


# ZDS4-22 Screw clamp pluggable terminal blocks

## Feed-through - 5.2 mm 0.205 in spacing



ZDS4-22




**5.2 mm** 0.205 in spacing

| 4 mm² |
|---|
| 10 AWG |

### Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 4 connections | Grey | ZDS4-22 | 1SNK805013R0000 | | 50 | 10.80 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.22 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 28 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE, CB, RoHS, USR CNR, CSA, EAC, BV

CDS4 CDS4-E

### Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDS4 | 1SNK805714R0000 | | 50 | 3.90 |
| **Female plugs without outer nubs - Closed** | | | CDS4-E | 1SNK805715R0000 | | 50 | 4.10 |

15 poles max.

### Accessories

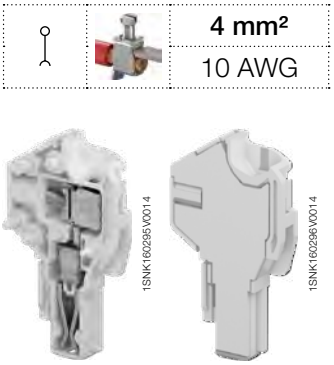
| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **End sections** | 0.8 mm | 0.031 in | Dark grey | EDS4-22 | 1SNK805911R0000 | | 20 | 1.85 |
| 3 | **Jumper bars** | 2 poles | 32 A (IEC) | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | | 3 poles | 32 A (IEC) | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | | 4 poles | 32 A (IEC) | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | | 5 poles | 32 A (IEC) | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | | 10 poles | 32 A (IEC) | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | | 50 poles | 32 A (IEC) | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |
| 4 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 5 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 6 | **Test connectors** | 5.2 mm 0.205 in spacing | | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | | End module, 5.2 mm 0.205 in | | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 7 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank card | | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

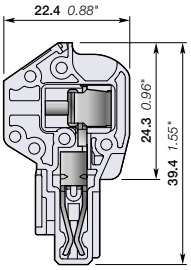
Technical data valid for copper conductors only.

# CDS4 Screw clamp female plugs

## Female plug - 5.2 mm 0.205 in spacing




CDS4 CDS4-E




**5.2 mm** 0.205 in spacing

| | | |
|---|---|---|
| | | **4 mm²** |
| | | 10 AWG |

### Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Female plugs** | Grey | CDS4 | 1SNK805714R0000 | | 50 | 3.90 |
| **Female plugs without outer nubs - Closed** | | CDS4-E | 1SNK805715R0000 | | 50 | 4.10 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 2.5 mm² | 24 ... 12 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.22 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 28 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | |
| Wire stripping length | | 10.5 mm<br>0.413 in |
| Tool | | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1<br>5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Mounting instructions

15 poles max.

### Accessories

| | Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|
| 1 | **Locking devices** | 9.4 mm 0.370 in spacing | Black | VR-ZD | 1SNK900637R0000 | | 50 | 0.7 |
| 2 | **Cable Clamp** | 9.4 mm 0.370 in spacing | Dark grey | PT-ZD | 1SNK900660R0000 | | 50 | 1.04 |
| 3 | **Terminal block markers** | Blank marker | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | | Blank strip label | | MG-CPMFA 43196 | 1SNB043196R0012 | | 350 | 2.56 |
| | | Blank card | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | | Universal wire markers holder | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

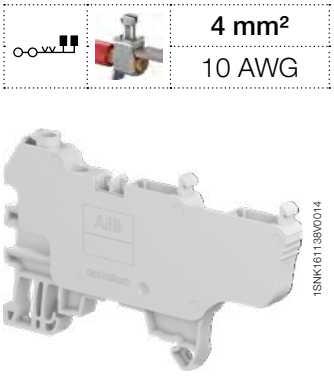
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK164007S0201

Technical data valid for copper conductors only.

# ZDS4-22-R1 Screw clamp pluggable terminal blocks

## Feed-through - 6 mm 0.236 in spacing

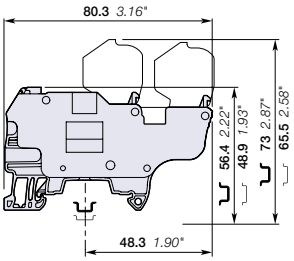


**4 mm²**
10 AWG



1SNK161138R0014

**ZDS4-22-R1**




**6 mm** 0.236 in spacing

### Description

- Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
- Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5-R1 + ES-TC6) withstanding 10 000 operations are compatible for convenient testing.

### Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Feed-through** | 4 connections | Grey | ZDS4-22-R1 | 1SNK806013R0000 | | 40 | 12.60 |

### Main technical data

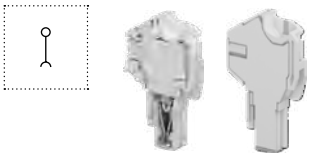
| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.22 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 28 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Wire stripping length | 10.5 mm 0.413 in |
| Tool | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque | 0.6 Nm ± 0.1 5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV



CDS4-R1 CDS4-E

### Female plugs

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Female plugs** | 1 pole | Grey | CDS4-R1 | 1SNK806714R0000 | | 50 | 4.10 |
| **Female plugs without outer nubs - Closed** | | | CDS4-E | 1SNK805715R0000 | | 50 | 4.10 |

15 poles max.

### Accessories

| | Description | | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| 1 | **End stops** | 10 mm | 0.394 in | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |
| 2 | **Jumper bars** | 2 poles | 41 A (IEC) | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | | 3 poles | 41 A (IEC) | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | | 4 poles | 41 A (IEC) | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | | 5 poles | 41 A (IEC) | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | | 10 poles | 41 A (IEC) | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | | 50 poles | 41 A (IEC) | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |
| 3 | **Circuit separators** | 3 mm | 0.118 in | Dark grey | CS-R3 | 1SNK900107R0000 | | 20 | 6.40 |
| 4 | **Test adapters** | For test plugs DIA 2 mm 0.079 in | | Dark grey | TP2 | 1SNK900203R0000 | | 20 | 1.70 |
| | | For test plugs DIA 4 mm 0.157 in | | | TP4 | 1SNK900205R0000 | | 20 | 2.40 |
| 5 | **Test connectors** | End module, 5.2 mm 0.205 in | | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| 6 | **Spacers** | 0.8 mm | 0.031 in | Dark grey | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |
| 7 | **Coding pegs** | | | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |
| 8 | **Terminal block markers** | Blank marker | | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank card | | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

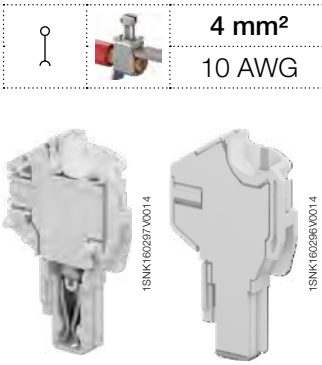
Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

1SNK164004S0201

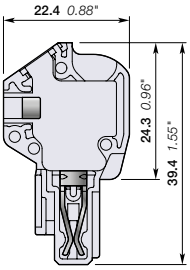
Technical data valid for copper conductors only.

# CDS4-R1 Screw clamp female plugs

## Female plug - 6 mm 0.236 in spacing




CDS4-R1 CDS4-E




**6 mm** 0.236 in spacing

| | | |
|---|---|---|
| | | **4 mm²** |
| | | 10 AWG |

### Description

- Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
- Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
- Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Female plugs** | Grey | CDS4-R1 | 1SNK806714R0000 | | 50 | 4.10 |
| **Female plugs without outer nubs - Closed** | | CDS4-E | 1SNK805715R0000 | | 50 | 4.10 |

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 4 mm² | 24 ... 10 AWG |
| | Flexible without ferrule | 0.22 ... 4 mm² | |
| | Flexible with non insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Flexible with insulated ferrule | 0.22 ... 4 mm² | 24 ... 10 AWG |
| | Gauge | A3-B3 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | 24 ... 16 AWG |
| | Flexible without ferrule | 0.22 ... 1.5 mm² | |
| | Flexible with twin ferrule | 0.22 ... 1.5 mm² | 24 ... 16 AWG |
| **Rated current / Rated cross section** | | 29 A / 4 mm² | 28 A / 10 AWG |
| **Rated short-time withstand current** (1s) | | 480 A | |
| **Rated voltage** | | 800 V | 300 V |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | |
| Wire stripping length | | 10.5 mm<br>0.413 in |
| Tool | | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque | | 0.6 Nm ± 0.1<br>5.31 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

CE CB RoHS USR CNR CSA EAC BV

### Mounting instructions

15 poles max.

### Accessories

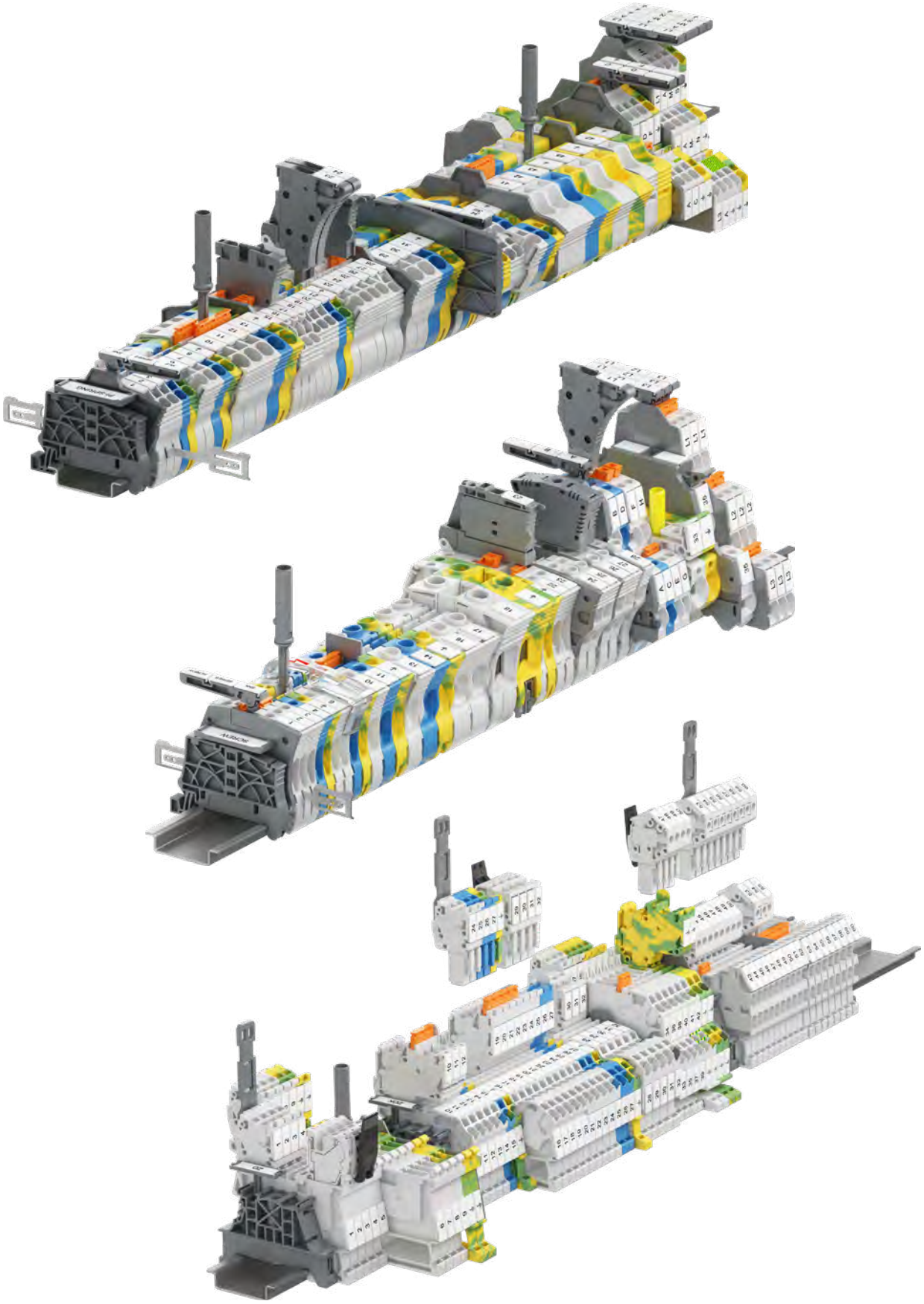
| | Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|
| 1 | **Locking devices** | 9.4 mm 0.370 in spacing | Black | VR-ZD | 1SNK900637R0000 | | 50 | 0.7 |
| 2 | **Cable Clamp** | 9.4 mm 0.370 in spacing | Dark grey | PT-ZD | 1SNK900660R0000 | | 50 | 1.04 |
| 3 | **Terminal block markers** | Blank marker | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| | | Blank strip label | | MG-CPMFA 43196 | 1SNB043196R0012 | | 350 | 2.56 |
| | | Blank card | | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | | | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |
| | | Universal wire markers holder | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

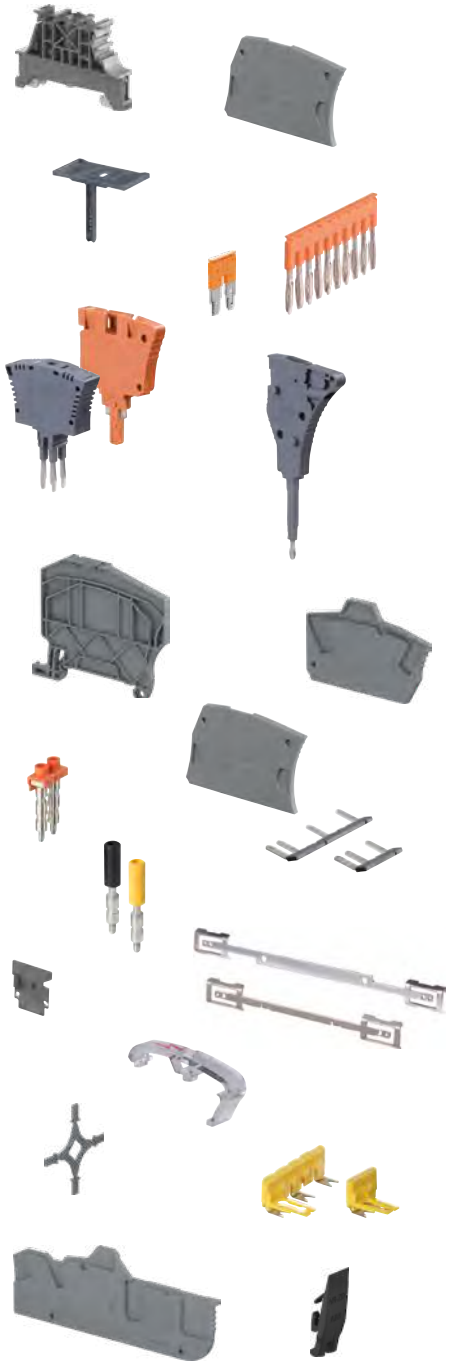
Technical data valid for copper conductors only.



1SNK164008S0201



# SNK series, terminal block accessories




## Common terminal block accessories

| | | |
|---|---|---|
| Mounting rail | **PR** | 196-198 |
| Screw end stops | **BAM4, BAZH1** | 199 |
| Screwless end stops | **BAZ1** | 200 |
| Label holders | **LH, LH-R1** | 201 |
| | **LH-J** | 202 |
| Screwless jumper bars | **JB5** | 203 |
| | **JB6** | 204 |
| | **JB8** | 205 |
| | **JB10** | 206 |
| | **JB12** | 207 |
| Cross spacing jumpers | **JB85-3** | 208 |
| Test adapters | **TP2, TP4** | 209 |
| Test connectors | **TC5** | 210 |
| Component plugs | **PG5-R2** | 211 |
| | **PG5, PG5-R1** | 212 |
| Screwdrivers | **TO** | 213 |
| Crimping tools | **PS** | 213 |

## PI-Spring terminal block accessories

| | | |
|---|---|---|
| End sections | **EK** | 214-216 |
| Circuit separators | **CS-R2, CS-R3** | 217-218 |
| Shield connectors | **SHBP, SHB** | 219 |

## Screw clamp terminal block accessories

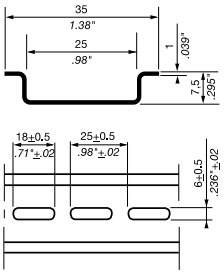
| | | |
|---|---|---|
| End sections | **ES** | 220-221 |
| Screw jumper bars | **JB8** | 222 |
| | **JB16, JB22** | 223 |
| | **JB26** | 224 |
| | **BJMI31, BJMI36** | 225 |
| Lateral jumper bars | **PC8, PC81** | 226 |
| Circuit separator | **CS, CS-R1** | 227 |
| Shield connectors | **SHBS, SHB** | 228 |
| Protecting covers | **PL** | 229 |
| | **CO, KCO** | 230 |
| Short circuit bridges | **SC-JB8** | 231 |
| Test sockets | **AJS9** | 232 |

## Pluggable terminal block accessories

| | | |
|---|---|---|
| End sections | **EDK, EDS** | 233-234 |
| Coding pegs | **COP** | 235 |
| Locking devices | **VR** | 235 |

1SNK500072F0000

PR30




**2000 mm** 78.74 in spacing

## Description

- Pre-punched symmetrical mounting rail,
- The slotted holes ease the mounting and allow to use existing and/or numerous fixings,
- Particularly well designed for fixing onto back-plates and for terminal assemblies of small dimensions.

## Ordering details

| Description | Color | Type | Part Number | | Pkg meter | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Prepunched rail | | PR30 | 1SNA173220R0500 | | 2 | 328.00 |

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum.
Check that your order quantity is a multiple of 2.

## Main technical data

| | | |
|---|---|---|
| Material | Zinc plating and passivation steel | |
| Rail | TH 35-7.5 | |
| | IEC | UL - CSA |
| Equivalent E-Cu cross section | | |

All the main technical data provided are "manufacturer" values.

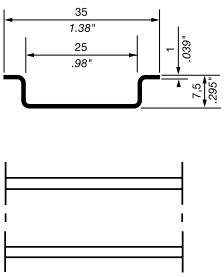
RoHS
RoHS

## Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing (1 mm 0.039 in rail thickness only), fixing is recommended every 250 mm 9.84 in;
- To prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm 0.295 in rail height only).

1SNK500073F0000

PR3.Z2




**2000 mm** 78.74 in spacing

## Description

- Symmetrical mounting rail complying with IEC60715,
- Particularly well designed for fixing onto back-plates and for terminal assemblies of small dimensions.

## Ordering details

| Description | Color | Type | Part Number | | Pkg meter | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| | | PR3.Z2 | 1SNA174300R1700 | | 2 | 718.00 |

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum.
Check that your order quantity is a multiple of 2.

## Main technical data

| | | |
|---|---|---|
| Material | Zinc plating and passivation steel | |
| Rail | TH 35-7.5 | |
| | IEC | UL - CSA |
| Equivalent E-Cu cross section | 16 mm² | |

All the main technical data provided are "manufacturer" values.

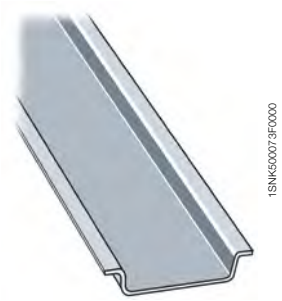
RoHS
RoHS

## Mounting instructions

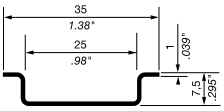
- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing (1 mm 0.039 in rail thickness only), fixing is recommended every 250 mm 9.84 in;
- To prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm 0.295 in rail height only).

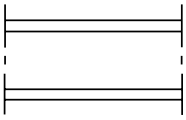
1SNK160017S0201

Technical data valid for copper conductors only.




PR3.G2



**2000 mm** 78.74 in spacing

## Description

- Symmetrical mounting rail made of galvanised steel, complying with IEC60715,
- Particularly well designed for fixing onto back-plates and for terminal assemblies of small dimensions.

## Ordering details

| Description | Color | Type | Part Number | | Pkg meter | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| | | PR3.G2 | 1SNA164800R0300 | | 2 | 718.00 |

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum.
Check that your order quantity is a multiple of 2.

## Main technical data

| | | |
|---|---|---|
| Material | Galvanised steel | |
| Rail | TH 35-7.5 | |
| | IEC | UL - CSA |
| Equivalent E-Cu cross section | 16 mm² | |

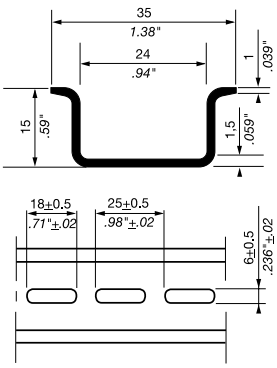
All the main technical data provided are "manufacturer" values.

RoHS
RoHS

## Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing (1 mm 0.039 in rail thickness only), fixing is recommended every 250 mm 9.84 in;
- To prevent any issues during mounting, screw heads used for rail fixing should not protrude from the rail (7,5 mm 0.295 in rail height only).

PR50




**2000 mm** 78.74 in spacing

## Description

- Pre-punched symmetrical mounting rail,
- The slotted holes ease the mounting and allow to use existing and/or numerous fixings.

## Ordering details

| Description | Color | Type | Part Number | | Pkg meter | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Preprunched rail | | PR50 | 1SNA178529R0400 | | 2 | 1288.00 |

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum.
Check that your order quantity is a multiple of 2.

## Main technical data

| | | |
|---|---|---|
| Material | Zinc plating and passivation steel | |
| Rail | TH 35-15 | |
| | IEC | UL - CSA |
| Equivalent E-Cu cross section | | |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

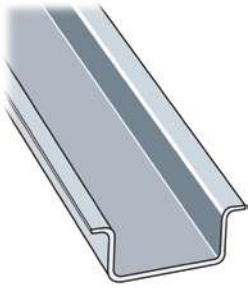
## Mounting instructions

- In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
- To prevent the rail from flexing, fixing is recommended every 700 mm 27.6 in;
- In order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.

1SNK160040S0201

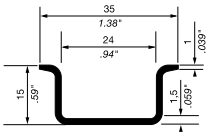
Technical data valid for copper conductors only.

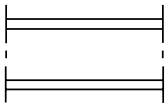
# PR mounting rail
## Common terminal block accessories



1SNK500075F0000

**PR5**



**2000 mm** 78.74 in spacing

### Description

– Symmetrical mounting rail.

### Ordering details

| Description | Color | Type | Part Number | | Pkg meter | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| | | PR5 | 1SNA168700R2200 | | 2 | 1200.00 |

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum.
Check that your order quantity is a multiple of 2.

### Main technical data

| | | |
|---|---|---|
| Material | Zinc plating and passivation steel | |
| Rail | TH 35-15 | |
| | IEC | UL - CSA |
| Equivalent E-Cu cross section | | |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

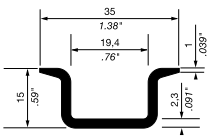
### Mounting instructions

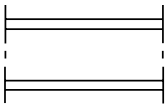
– In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
– To prevent the rail from flexing, fixing is recommended every 700 mm 27.6 in;
– In order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.

5

1SNK500076F0000

**PR4**



**2000 mm** 78.74 in spacing

### Description

– Symmetrical mounting rail complying with IEC60715,
– The rigidity of the rail is maximised by the 2.3 mm 0.090 in thickness of the rail, and by its solid, non slotted construction,
– PR4 TH 35-15 is the most rigid mounting rail solution and it can suppo

### Ordering details

| Description | Color | Type | Part Number | | Pkg meter | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Recommended for SNK ground terminal blocks up to 35 mm² 2 AWG | | PR4 | 1SNA168500R1200 | | 2 | 915.00 |

Please note that for all rails: 1 part number equal 1 meter (39 in). Packing of 2 meters (78 in) minimum.
Check that your order quantity is a multiple of 2.

### Main technical data

| | | |
|---|---|---|
| Material | Zinc plating and passivation steel | |
| Rail | TH 35-15 | |
| | IEC | UL - CSA |
| Equivalent E-Cu cross section | 50 mm² | 2 AWG |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

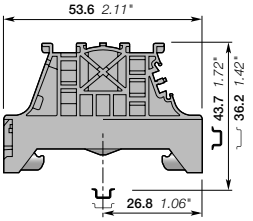
### Mounting instructions

– In order to guarantee the performances and security of your installation, please ensure the rail and its fixings can withstand the static and dynamic loads of the components mounted on it;
– To prevent the rail from flexing, fixing is recommended every 700 mm 27.6 in;
– In order to increase the accessibility of your terminal assembly, we recommend the use of our rail offset brackets EM45 (order code 1SNA008521R2600) for a 45° orientation of the rail.

1SNK160041S0201

Technical data valid for copper conductors only.

**BAM4**




**10 mm** 0.394 in spacing

## Mounting instructions

# BAM4 screw end stops

## Description

- Give efficient support to the SNK terminal blocks assemblies thanks to the BAM4 double gripping rail contact,
- Ease the assemblies identification with the BAM4 marking location compatible with all SNK markers and labels.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 10 mm 0.394 in spacing | Dark grey | BAM4 | 1SNK900001R0000 | | 50 | 14.00 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5, TH 35-15 |
| Tool | Flat screwdriver Ø 5.5 mm Ø 0.217 in |
| Torque | 0.9 Nm ± 0.1 7.08 lb.in ± 0.88 |

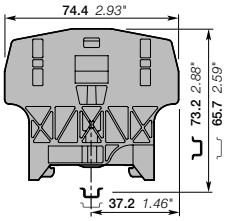
All the main technical data provided are "manufacturer" values

RoHS

## Accessories

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Terminal block markers | compatible with MG3 | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| Blank card | In polycarbonate | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | In polyamide | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| Label holder | 10 mm 0.394 in width | Dark grey | LH | 1SNK900605R0000 | | 50 | 0.60 |
| | 19.5 mm 0.768 in width | | LH-R1 | 1SNK900607R0000 | | 50 | 1.10 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

**BAZH1**




**10 mm** 0.394 in spacing

# BAZH1 screw end stops

## Description

- Give efficient support to the SNK double deck or power terminal blocks assemblies thanks to the BAZH1 double gripping rail contact,
- Ease the assemblies identification with label holders.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 10 mm 0.394 in spacing | Dark grey | BAZH1 | 1SNK900102R0000 | | 20 | 24.00 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

## Mounting instructions

| | |
|---|---|
| Rail | TH 35-7.5 |
| Tool | Flat screwdriver Ø 5.5 mm Ø 0.217 in |
| Torque | 1.3 Nm ± 0.1 11.4 lb.in ± 0.88 |

All the main technical data provided are "manufacturer" values

RoHS

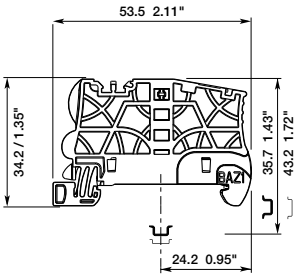
## Accessories

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Terminal block markers | compatible with MG3 | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.27 |
| Blank card | In polycarbonate | | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | In polyamide | | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |
| Label holder | 10 mm 0.394 in width | Dark grey | LH | 1SNK900605R0000 | | 50 | 0.60 |
| | 19.5 mm 0.768 in width | | LH-R1 | 1SNK900607R0000 | | 50 | 1.10 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Technical data valid for copper conductors only.

1SNK160026S0201

**BAZ1**




**5.2 mm** 0.205 in spacing

# BAZ1 screwless end stops

## Description

- Reduce the size of your terminal block assemblies with the screwless reduced spacing BAZ1 end stop,
- Ease the assemblies identification with various markers and label holders.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 5.2 mm 0.205 in spacing | Dark grey | BAZ1 | 1SNK900002R0000 | | 50 | 5.30 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Mounting instructions

| | | |
|---|---|---|
| Rail | | TH 35-7.5 |

## Accessories

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Terminal block markers | compatible with MG3 | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| Blank card | compatible with HTP500 | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | compatible with AMS600 | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| Label holder | 10 mm 0.394 in width | Dark grey | LH | 1SNK900605R0000 | | 50 | 0.60 |
| | 19.5 mm 0.768 in width | | LH-R1 | 1SNK900607R0000 | | 50 | 1.10 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Technical data valid for copper conductors only.

1SNK160334V0014

**LH**

**10 mm** 0.394 in spacing

# LH label holder

## Description

- Easily identify your terminal blocks assembly with white or yellow labels,
- Adjustable in height for best visibility,
- Compatible with all SNK end stops.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| 10 mm 0.394 in width | Dark grey | LH | 1SNK900605R0000 | 50 | 0.60 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Self-adhesive precut blank label | compatible with HTP500 | White | MCLH | 1SNK900630R0000 | 25 | 10.00 |
| Self-adhesive precut blank label | compatible with HTP500 | White | RCPEAD-TT | 1SNA235158R0100 | 25 | 9.80 |
| | | Yellow | RCPEAD-TT-YL | 1SNA235159R0200 | 25 | 12.10 |
| Pre-printed cover marker | Protection for RCPEAD markers | Transparent | EPR2 | 1SNA399726R0700 | 10 | 4.00 |
| Precut blank label | compatible with MG3 | White | MG-TAR 45490 | 1SNB045490R8530 | 1650 | 0.371 |
| Self-adhesive precut blank label | compatible with MG3 | Yellow | MG-TAA 49448 | 1SNB049448R8530 | 825 | 0.55 |
| | | White | MG-TAA 49498 | 1SNB049498R8530 | 825 | 0.55 |
| Self-adhesive precut blank label | compatible with HTP500 | Yellow | MCLH-YL | 1SNK900633R0000 | 25 | 10.00 |

5

1SNK160335V0014

**LH**

**19.5 mm** 0.768 in spacing

## Mounting instructions

# LH-R1 label holder

## Description

- Easily identify your terminal blocks assembly with white or yellow labels,
- Adjustable in height for best visibility,
- Compatible with all SNK end stops.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| 19.5 mm 0.768 in width | Dark grey | LH-R1 | 1SNK900607R0000 | 50 | 1.10 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories

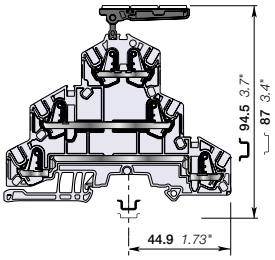
| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Self-adhesive precut blank label | compatible with HTP500 | White | MCLH-R1 | 1SNK900631R0000 | 25 | 10.00 |
| Precut blank label | compatible with AMS600 | White | RCPEB | 1SNA178430R0500 | 1 | |
| | Protection for RCPEB markers | Transparent | EPR1 | 1SNA178431R2200 | 1 | 0.05 |
| Self-adhesive precut blank label | compatible with HTP500 | White | PIB2-TT | 1SNA235155R2600 | 25 | 9.70 |
| | | Yellow | PIB2-TT-YL | 1SNA235157R2000 | 25 | 9.40 |
| Precut blank label | compatible with MG3 | White | MG-TAR 45194 | 1SNB045194R1735 | 900 | 0.62 |
| Self-adhesive precut blank label | | Yellow | MG-TAA 49148 | 1SNB049148R1735 | 450 | 0.91 |
| | | White | MG-TAA 49198 | 1SNB049198R1735 | 450 | 0.91 |
| Self-adhesive precut blank label | compatible with HTP500 | Yellow | MCLH-R1-YL | 1SNK900634R0000 | 25 | 10.00 |

1SNK160023S0201

Technical data valid for copper conductors only.

**LH**

**4.8 mm** 0.189 in spacing




# LH-J label holder

## Description

Easily identify your block with three standard 5.2 mm 0.205 in spacing SNK markers. It fits in the jumper channel of the SNK terminal blocks.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Rotating label holder with three SNK markers housings - 4.8 mm 0.189 in spacing | Dark grey | LH-J | 1SNK900606R0000 | | 100 | 0.73 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank marker | compatible with MG3 | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| Blank card | compatible with HTP500 | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | compatible with AMS600 | White | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Technical data valid for copper conductors only.

1SNK160143F0014

**JB5**

**5.2 mm** 0.205 in spacing

## Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 5.2 mm 0.205 in spacing | 2 poles | Orange | JB5-2 | 1SNK905302R0000 | | 50 | 1.30 |
| | 3 poles | | JB5-3 | 1SNK905303R0000 | | 50 | 2.00 |
| | 4 poles | | JB5-4 | 1SNK905304R0000 | | 50 | 2.70 |
| | 5 poles | | JB5-5 | 1SNK905305R0000 | | 50 | 3.50 |
| | 10 poles | | JB5-10 | 1SNK905310R0000 | | 30 | 7.10 |
| | 50 poles | | JB5-50 | 1SNK905350R0000 | | 10 | 36.00 |

## Main technical data

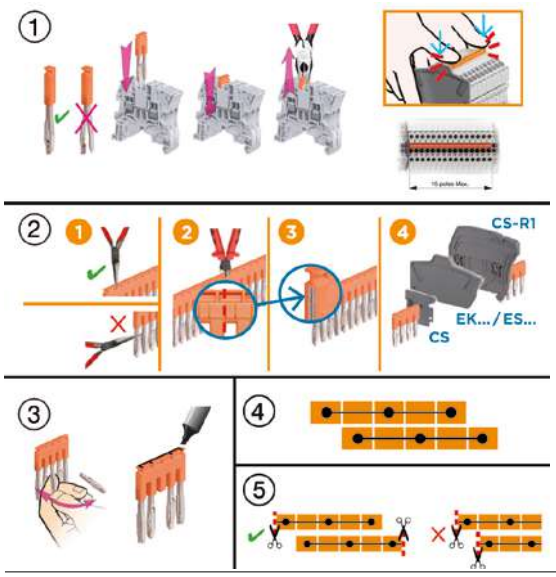
| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | | | | |
| | Flammability | V0 | | | | |
| | NF F 16 101 | I2F3 | | | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | | | |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 32 A | 30 A | |
| **Rated voltage** | 1 - Standard use | 1000 V | 600 V | Please |
| | 2 - Cut extremities | 800 V | 300 V | consult |
| | 3 - Cut poles | 630 V | 300 V | us |
| | 4 - Alternated poles | 400 V | 150 V | |
| | 5 - Alternated poles with cut extremities | 400 V | 150 V | |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data are indicative "manufacturer" values.

RoHS
RoHS

## Mounting instructions




**1 - Standard use**

**2 - Cut extremities**

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

| | | |
|---|---|---|
| **ZS...** | Feed-through | CS circuit separator |
| | Double deck / triple deck | ES... end section |
| **ZK...** | All functions | EK... end section |

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper.

15 poles max. recommended for convenient mounting.

**3 - Cut poles**

**4 - Alternated poles**

**5 - Alternated poles with cut extremities**

When using cut jumpers, cut extremities should be placed oppositely to allow end sections / circuit separators placement at each cut extremities.

For all other applications, please consult us.

1SNK160027S0201

Technical data valid for copper conductors only.

# JB6 screwless jumper bars
## Common terminal block accessories

**JB6**

**6 mm** 0.236 in spacing

## Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 6 mm 0.236 in spacing | 2 poles | Orange | JB6-2 | 1SNK906302R0000 | | 50 | 1.30 |
| | 3 poles | | JB6-3 | 1SNK906303R0000 | | 50 | 2.10 |
| | 4 poles | | JB6-4 | 1SNK906304R0000 | | 50 | 2.90 |
| | 5 poles | | JB6-5 | 1SNK906305R0000 | | 50 | 3.60 |
| | 10 poles | | JB6-10 | 1SNK906310R0000 | | 20 | 7.40 |
| | 50 poles | | JB6-50 | 1SNK906350R0000 | | 10 | 38.10 |

## Main technical data

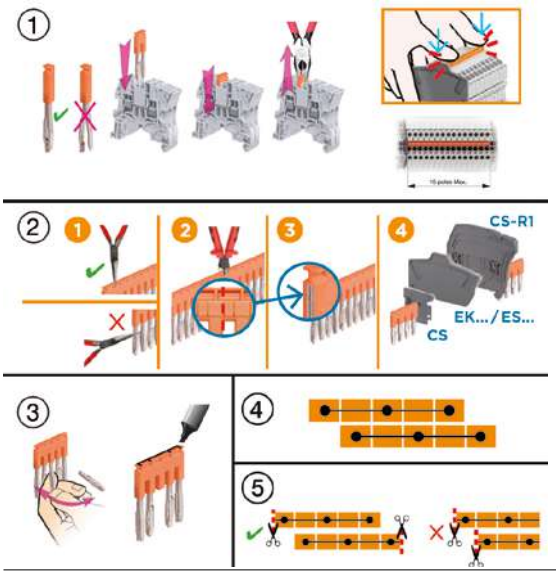
| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 41 A | 30 A | |
| **Rated voltage** | 1 - Standard use | 1000 V | 600 V | Please consult |
| | 2 - Cut extremities | 800 V | 300 V | our dedicated |
| | 3 - Cut poles | 630 V | 300 V | certificates |
| | 4 - Alternated poles | 400 V | 150 V | |
| | 5 - Alternated poles with cut extremities | 400 V | 150 V | |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data are indicative "manufacturer" values.

RoHS
RoHS

## Mounting instructions




**1 - Standard use**

**2 - Cut extremities**

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

| | | |
|---|---|---|
| **ZS...** | Feed-through | CS circuit separator |
| | Double deck / triple deck | ES... end section |
| **ZK...** | All functions | EK... end section |

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper.

15 poles max. recommended for convenient mounting.

**3 - Cut poles**

**4 - Alternated poles**

**5 - Alternated poles with cut extremities**

When using cut jumpers, cut extremities should be placed oppositely to allow end sections / circuit separators placement at each cut extremities.

For all other applications, please consult us.

1SNK160029S0201

Technical data valid for copper conductors only.

# JB8 screwless jumper bars
## Common terminal block accessories

**JB8**

**8 mm** 0.315 in spacing

## Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

## Ordering details

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 8 mm 0.315 in spacing | 2 poles | Orange | JB8-2 | 1SNK908302R0000 | 50 | 2.70 |
| | 3 poles | | JB8-3 | 1SNK908303R0000 | 50 | 4.10 |
| | 4 poles | | JB8-4 | 1SNK908304R0000 | 50 | 5.60 |
| | 5 poles | | JB8-5 | 1SNK908305R0000 | 40 | 7.00 |
| | 10 poles | | JB8-10 | 1SNK908310R0000 | 20 | 14.20 |

## Main technical data

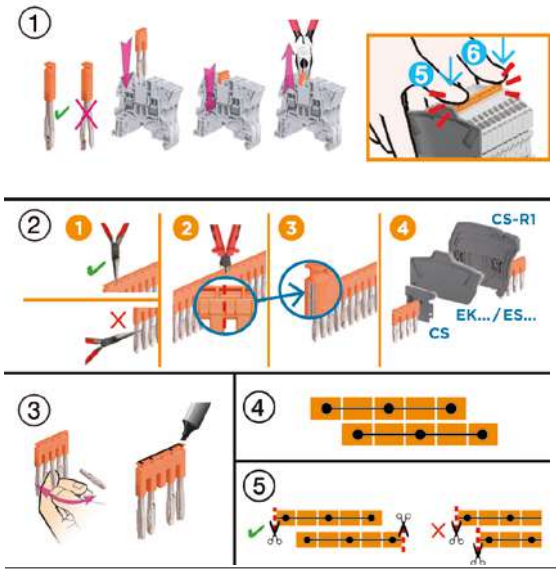
| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 57 A | 42 A | |
| **Rated voltage** | 1 - Standard use | 1000 V | 600 V | 693 V |
| | 2 - Cut extremities | 800 V | 300 V | 440 V |
| | 3 - Cut poles | 630 V | 300 V | 440 V |
| | 4 - Alternated poles | 630 V | 150 V | 352 V |
| | 5 - Alternated poles with cut extremities | 630 V | 150 V | 352 V |
| **Impulse withstand voltage** | | 6000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data are indicative "manufacturer" values.

RoHS
RoHS

## Mounting instructions




**1 - Standard use**

**2 - Cut extremities**

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

| | | |
|---|---|---|
| **ZS...** | Feed-through | CS circuit separator |
| | Double deck / triple deck | ES... end section |
| **ZK...** | All functions | EK... end section |

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper.

**3 - Cut poles**

**4 - Alternated poles**

**5 - Alternated poles with cut extremities**

When using cut jumpers, cut extremities should be placed oppositely to allow end sections / circuit separators placement at each cut extremities.

For all other applications, please consult us.

1SNK160030S0201

Technical data valid for copper conductors only.

# JB10 screwless jumper bars
## Common terminal block accessories

**JB10**

**10 mm** 0.394 in spacing

## Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

## Ordering details

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 10 mm 0.394 in spacing | 2 poles | Orange | JB10-2 | 1SNK910302R0000 | 50 | 4.60 |
| | 3 poles | | JB10-3 | 1SNK910303R0000 | 50 | 7.10 |
| | 4 poles | | JB10-4 | 1SNK910304R0000 | 40 | 9.40 |
| | 5 poles | | JB10-5 | 1SNK910305R0000 | 30 | 12.00 |
| | 10 poles | | JB10-10 | 1SNK910310R0000 | 20 | 24.00 |

## Main technical data

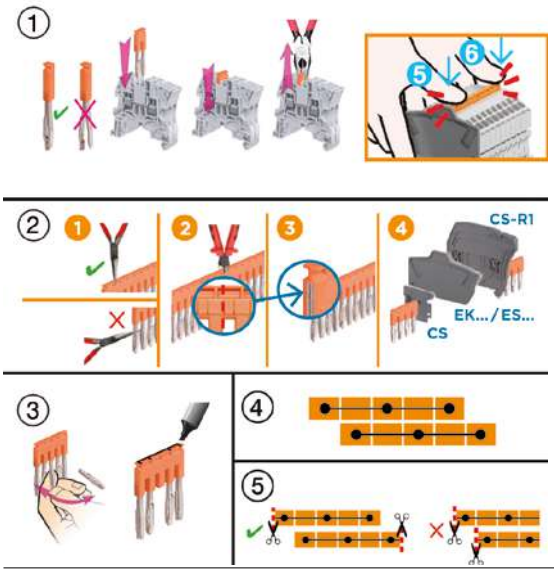
| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 76 A | 67 A | |
| **Rated voltage** | 1 - Standard use | 1000 V | 600 V | 693 V |
| | 2 - Cut extremities | 800 V | 300 V | 440 V |
| | 3 - Cut poles | 630 V | 300 V | 440 V |
| | 4 - Alternated poles | 400 V | 150 V | 275 V |
| | 5 - Alternated poles with cut extremities | 250 V | 150 V | 176 V |
| **Impulse withstand voltage** | | 6000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data are indicative "manufacturer" values.

RoHS
RoHS

## Mounting instructions




**1 - Standard use**

**2 - Cut extremities**

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

| | | |
|---|---|---|
| **ZS...** | Feed-through | CS circuit separator |
| | Double deck / triple deck | ES... end section |
| **ZK...** | All functions | EK... end section |

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper.

**3 - Cut poles**

**4 - Alternated poles**

**5 - Alternated poles with cut extremities**

When using cut jumpers, cut extremities should be placed oppositely to allow end sections / circuit separators placement at each cut extremities.

For all other applications, please consult us.

1SNK160031S0201

Technical data valid for copper conductors only.

# JB12 screwless jumper bars
## Common terminal block accessories

**JB12**

**12 mm** 0.472 in spacing

## Description

Facilitate & secure your jumper bar assembly process:
- Screwless mounting,
- Pre-cut poles for alternated jumpering between terminal blocks,
- Insulated,
- Positive locking,
- Perfectly adapted to low level electrical contact (20mA, 50mV).

## Ordering details

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 12 mm 0.472 in spacing | 2 poles | Orange | JB12-2 | 1SNK912302R0000 | 50 | 4.90 |
| | 3 poles | | JB12-3 | 1SNK912303R0000 | 50 | 7.60 |
| | 5 poles | | JB12-5 | 1SNK912305R0000 | 20 | 12.90 |

## Main technical data

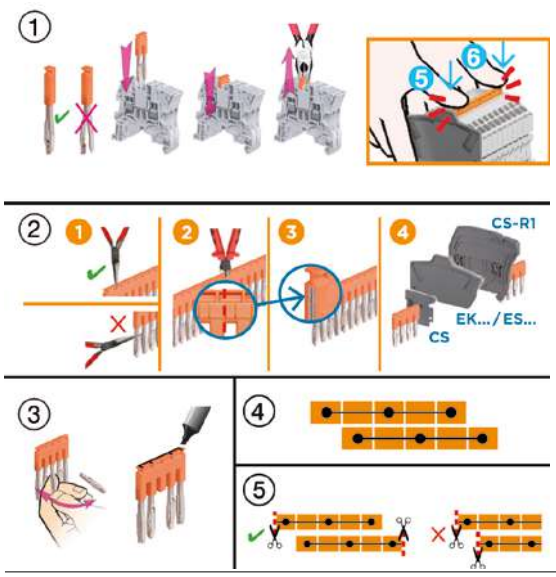
| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 76 A | 67 A | |
| **Rated voltage** | 1 - Standard use | 1000 V | 600 V | 693 V |
| | 2 - Cut extremities | 800 V | 300 V | 440 V |
| | 3 - Cut poles | 630 V | 300 V | 440 V |
| | 4 - Alternated poles | 320 V | 150 V | 220 V |
| | 5 - Alternated poles with cut extremities | 250 V | 150 V | 176 V |
| **Impulse withstand voltage** | | 6000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data are indicative "manufacturer" values.

RoHS
RoHS

## Mounting instructions




**1 - Standard use**

**2 - Cut extremities**

For voltage rating > 50 V and Uimp > 2.5 KV, the below accessories must be installed on the cut side of the jumper to guarantee IP20 and voltage rating:

| | | |
|---|---|---|
| **ZS...** | Feed-through | CS circuit separator |
| | Double deck / triple deck | ES... end section |
| **ZK...** | All functions | EK... end section |

Ensure a good straight cut by positioning the cutting tool on the vertical snicks of the insulated part of the jumper.

**3 - Cut poles**

**4 - Alternated poles**

**5 - Alternated poles with cut extremities**

When using cut jumpers, cut extremities should be placed oppositely to allow end sections / circuit separators placement at each cut extremities.

For all other applications, please consult us.

1SNK160071S0201

Technical data valid for copper conductors only.

# JB85-3 cross spacing jumpers
## Common terminal block accessories

**JB85**

**8 mm** 0.315 in spacing

## Description

- Allows power distribution between terminal blocks with different spacing,
- JB5-3, JB6-3 and JB8-3 can be used as cross spacing jumpers (see selection table on mounting instructions below).

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Cross spacing jumpers | 3 poles | Orange | JB85-3 | 1SNK900603R0000 | | 10 | 2.80 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 32 A | 30 A | |
| **Rated voltage** | Standard use | 1000 V | 600 V | Please consult |
| | Cut extremities | 800 V | 300 V | our dedicated |
| | Cut poles | 630 V | 300 V | certificates |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

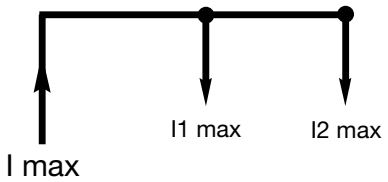
## Mounting instructions

Cross spacing jumper selection between A and B terminal blocks with different spacing.

| A \ B | 5.2 mm | 6 mm | 8 mm |
|---|---|---|---|
| 6 mm | JB5.3 | - | - |
| 8 mm | JB85.3 | JB85.3 | - |
| 10 mm | JB85.3 | JB85.3 | JB8.3 |
| 12 mm | JB85.3 | JB6.3 | - |

Yellow cell: for ZS and ZK terminal blocks

Blue cell: for ZS terminal blocks only




I1 max + I2 max ≤ I max

I max
I1 max ≤ I rated terminal block
I2 max

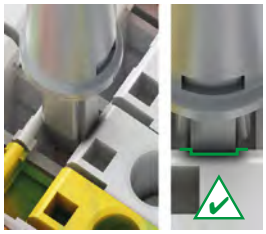
1SNK160054S0201

Technical data valid for copper conductors only.

**TP**

**7.6 mm** 0.299 in spacing

## Mounting instructions



# TP2 test adapters

## Description

- Insulated test adapter that enables individual voltage control,
- Direct plug-in solution into the jumpers channels,
- Compatible with standard isolated or non isolated test plugs DIA 2 mm 0.079 in and 2.3 mm 0.090 in,
- Withstand more than 10000 operations according to TE Connectivity test standards.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| For test plugs DIA 2 mm 0.079 in | Dark grey | TP2 | 1SNK900203R0000 | 20 | 1.70 |

## Main technical data

| | | | | |
|---|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | | |
| | Flammability | V0 | | |
| | NF F 16 101 | I2F2 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | |
| | | **IEC** | **UL - CSA** | **Ex e** |
| **Rated current** | | 10 A | | |
| **Rated voltage** | Standard use | 1000 V | 600 V | Not authorized |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

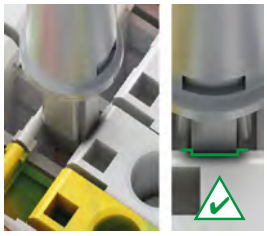
All the main technical data provided are "manufacturer" values

RoHS
RoHS

**TP**

**7.6 mm** 0.299 in spacing

## Mounting instructions



# TP4 test adapters

## Description

- Isolated test adapter that enables individual voltage control,
- Direct plug-in solution into the jumpers channels,
- Compatible with standard insulated or non isolated test plugs DIA 4 mm 0.157 in,
- Withstand more than 10000 operations according to TE Connectivity test standards.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| For test plugs DIA 4 mm 0.157 in | Dark grey | TP4 | 1SNK900205R0000 | 20 | 2.40 |

## Main technical data

| | | | | |
|---|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | | |
| | Flammability | V0 | | |
| | NF F 16 101 | I2F2 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | |
| | | **IEC** | **UL - CSA** | **Ex e** |
| **Rated current** | | 16 A | | |
| **Rated voltage** | Standard use | 1000 V | 600 V | Not authorized |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data provided are "manufacturer" values

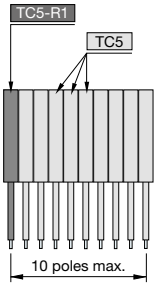
RoHS
RoHS

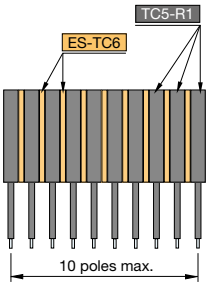
1SNK160036S0201

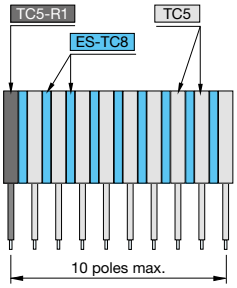
Technical data valid for copper conductors only.

# TC5 test connectors
## Common terminal block accessories

**5.2 mm** 0.205 in spacing



PT-3

### Description

Ease the testing of terminal block assemblies:

- Make your own test connector assembly with our modular solution mixing various spacings,
- Direct plug-in solution into the jumpers channels,
- Withstand more than 10000 operations according to TE Connectivity test standards.

### Main technical data

| Connecting capacity | | IEC | UL - CSA |
|---|---|---|---|
| **1 conductor per clamp** | Rigid: Solid/Stranded | 0.2 ... 1.5 mm² | |
| | Flexible without ferrule | 0.22 ... 1.5 mm² | |
| | Flexible with non insulated ferrule | | |
| | Flexible with insulated ferrule | 0.22 ... 1.5 mm² | |
| | Gauge | A1-B1 | |
| **2 conductors per clamp** | Rigid: Solid/Stranded | 0.2 ... 0.75 mm² | |
| | Flexible without ferrule | 0.22 ... 0.75 mm² | |
| | Flexible with twin ferrule | 0.22 ... 0.75 mm² | |
| **Rated current / Rated cross section** | | 16 A / 1.5 mm² | |
| **Rated short-time withstand current** (1s) | | 180 A | |
| **Rated voltage** | | 1000 V | |
| **Impulse withstand voltage** | | 8000 V | |
| **Protection** | | IP20 | NEMA 1 |

### Mounting instructions

| | | |
|---|---|---|
| Rail | | |
| Wire stripping length | | 8 mm<br>0.314 in |
| Tool | | Flat screwdriver<br>Ø 2.5 mm<br>Ø 0.098 in |
| Torque | | 0.5 Nm ± 0.1<br>3.43 lb.in ± 0.885 |

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

### Ordering details

**Test connectors for 5.2 mm 0.205 in spacing terminal blocks**

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Test connectors | 5.2 mm 0.205 in spacing | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | End module, 5.2 mm 0.205 in | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |

### Ordering details

**Test connectors for 6 mm 0.236 in spacing terminal blocks**

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Test connectors | End module, 5.2 mm 0.205 in | Dark grey | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| Spacers | 0.8 mm 0.031 in spacing | | ES-TC6 | 1SNK900105R0000 | | 10 | 0.80 |

### Ordering details

**Test connectors for 8 mm 0.315 in spacing terminal blocks**

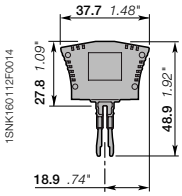
| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Test connectors | 5.2 mm 0.205 in spacing | Dark grey | TC5 | 1SNK900200R0000 | | 10 | 5.20 |
| | End module, 5.2 mm 0.205 in | | TC5-R1 | 1SNK900201R0000 | | 10 | 5.20 |
| Spacers | 2.8 mm 0.110 in spacing | | ES-TC8 | 1SNK900104R0000 | | 10 | 1.40 |

### Accessories

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Cable clamps | Fit on two C2.5-ZDP plugs and on TC5 test connectors | Dark grey | PT-3 | 1SNK900625R0000 | | 20 | 1.00 |
| Terminal block markers | Blank marker | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.23 |
| | Blank card | | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |
| | Universal wire markers holder | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

Technical data valid for copper conductors only.

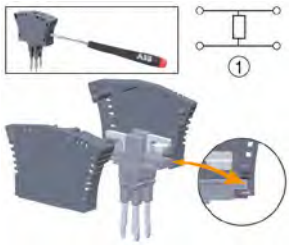
1SNK160042S0201




**PG5**

**9.95 mm** 0.392 in spacing

## Mounting instructions



- Open the PG5-R2 with a flat screw-driver DIA . 3.5 mm 0.138 in,
- Use a soldering iron to fix your component,
- Close the PG5-R2,
- Plug-in in the terminal blocks jumper channels.

# PG5-R2 component plugs

## Description

- Component holder compatible with 5.2 mm 0.205 in spacing ZS4 feed-through terminal blocks,
- Fit components 16 x 16 x 8.5 mm 0.630 x 0.630 x 0.335 in (not supplied with plug) such as resistors, diodes, varistance,
- Direct plug-in into the terminal blocks jumper channels,
- Maximum dissipatived power: 2 W.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Components insertion between 2 blocks | Dark grey | PG5-R2 | 1SNK900403R0000 | 20 | 8.00 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

| | IEC | UL - CSA |
|---|---|---|
| **Rated current** | | |
| **Rated voltage** | 250 V | |
| **Impulse withstand voltage** | 4000 V | |
| **Protection** | IP20 | NEMA 1 |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

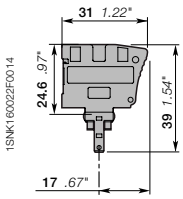
## Accessories

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Terminal block markers | | White | MG-CPM 13 41790 | 1SNB041790R0512 | 1960 | 0.23 |
| Blank card | In polycarbonate | | MC512 | 1SNK140000R0000 | 22 | 9.00 |
| | Blank card | | MC512PA | 1SNK149999R0000 | 20 | 10.00 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |

Technical data valid for copper conductors only.



1SNK160039S0201




**PG5**

**5.2 mm** 0.205 in spacing

## Mounting instructions

– Direct plug-in in disconnect with plug terminal block

# PG5 component plugs

## Description

– Ease the components installation ( components not supplied with plug ) with our quick plug-in mounting system which avoids soldering process,
– Accept 8.8 x 3.2 mm 0.346 x 0.125 in components such as resistors, diodes or subminiature fuses (fully encapsulated),
– Maximum dissipated power: 1 W.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Components in series with circuit | Dark grey | PG5 | 1SNK900401R0000 | 20 | 3.50 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

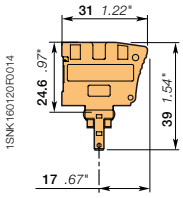
| | IEC | UL - CSA |
|---|---|---|
| **Rated current** | | |
| **Rated voltage** | 400 V | 150 V |
| **Impulse withstand voltage** | 6000 V | |
| **Protection** | IP20 | NEMA 1 |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Terminal block markers | | White | MG-CPM 13 41790 | 1SNB041790R0512 | 1960 | 0.23 |
| Blank card | In polycarbonate | | MC512 | 1SNK140000R0000 | 22 | 9.00 |
| | Blank card | | MC512PA | 1SNK149999R0000 | 20 | 10.00 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |




**PG5**

**5.2 mm** 0.205 in spacing

## Mounting instructions

– PG5-R1 totally inserted: closed circuit,
– PG5-R1 inserted in central position: open circuit, plug secured in isolated central position

# PG5-R1 disconnect plugs

## Description

Allow disconnect function when associated with the disconnect with plug terminal blocks.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Equipped with linking bar | Orange | PG5-R1 | 1SNK900402R0000 | 20 | 3.50 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

| | IEC | UL - CSA |
|---|---|---|
| **Rated current** | 18 A | 20 A |
| **Rated voltage** | 400 V | 150 V |
| **Impulse withstand voltage** | 6000 V | |
| **Protection** | IP20 | NEMA 1 |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Terminal block markers | | White | MG-CPM 13 41790 | 1SNB041790R0512 | 1960 | 0.23 |
| Blank card | In polycarbonate | | MC512 | 1SNK140000R0000 | 22 | 9.00 |
| | Blank card | | MC512PA | 1SNK149999R0000 | 20 | 10.00 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |

Technical data valid for copper conductors only.

1SNK160037S0201

1SNK160242F0014

TO

# TO screwdrivers

## Description

Flat head screwdriver

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Insulated screwdriver 1000V IEC dimensions 3.5 x 100 mm 0.138 x 3.94 in | | TO3.5-100-INS | 1SNK900644R0000 | | 1 | 37.00 |
| screwdriver 3.5 x 50 mm 0.138 x 1.97 in | | TO3.5-50 | 1SNK900640R0000 | | 12 | 22.00 |
| screwdriver 3.5 x 50 mm 0.138 x 1.97 in Angled 60° | | TO3.5-50-A | 1SNK900659R0000 | | 12 | 21.6 |
| screwdriver 4 x 100 mm 0.157 x 3.94 in | | TO4-100 | 1SNK900641R0000 | | 1 | 42.00 |
| screwdriver 5.5 x 125 mm 0.216 x 4.92 in | | TO5.5-125 | 1SNK900642R0000 | | 1 | 75.50 |
| screwdriver 6.5 x 150 mm 0.256 x 5.90 in | | TO6.5-150 | 1SNK900643R0000 | | 1 | 121.00 |

1SNK160127F0014

PS

# PS crimping tools

## Description

- Crimp flexible conductors equipped with ferrules from 0.08 to 10 mm² 28 AWG to 7 AWG,
- Semi-automatic crimping tool.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 180 mm 7.09 in length | | PS-3 | 1SNK900650R0000 | | 1 | 380.00 |

1SNK160028S0201

Technical data valid for copper conductors only.

1SNK160233V0014

EK2.5

## EK2.5 end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5, ZK2.5-PE, ZK4, ZK4-PE, ZK6 and ZK6-PE PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK2.5 | 1SNK705910R0000 | | 20 | 1.80 |

1SNK160234V0014

EK2.5-3P

## EK2.5-3P end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-3P, ZK2.5-PE-3P, ZK4-3P, ZK4-PE-3P, ZK2.5-S..., ZK2.5-SP and ZK2.5-SF... PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK2.5-3P | 1SNK705911R0000 | | 20 | 2.40 |

1SNK160235V0014

EK2.5-4P

## EK2.5-4P end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-4P, ZK2.5-PE-4P, ZK4-4P and ZK4-PE-4P PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK2.5-4P | 1SNK705912R0000 | | 20 | 2.70 |

### Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

1SNK160064S0201

Technical data valid for copper conductors only.

1SNK160339V0014

EK2.5-S-4P

## EK2.5-S-4P end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with ZK2.5-S-4P, ZK2.5-SP-4P, ZK2.5-CH-4P... PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK2.5-S-4P | 1SNK705913R0000 | | 20 | 2.94 |

1SNK160237V0014

EK2.5-D2

## EK2.5-D2 end sections

### Description

- Compatible with ZK2.5-D2, ZK2.5-D2-PE, ZK2.5-D1 and ZK2.5-D1-PE PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK2.5-D2 | 1SNK705960R0000 | | 20 | 3.40 |

1SNK160346V0014

EK2.5-T3

## EK2.5-T3 end sections

### Description

- Compatible with ZK2.5-T3, ZK2.5-T1, ZK2.5-T1-PE, ZK2.5-L-L-PE and ZK2.5-L-N-PE PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 0.8 mm 0.031 in spacing | Dark grey | EK2.5-T3 | 1SNK705961R0000 | | 20 | 4.76 |

### Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK160065S0201

5

1SNK160236V0014

EK6-3P

## EK6-3P end sections

### Description

– Compatible with ZK6-3P and ZK6-PE-3P PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK6-3P | 1SNK708911R0000 | | 20 | 2.80 |

1SNK160238V0014

EK10

## EK10 end sections

### Description

– Compatible with ZK10, ZK10-PE, ZK16 and ZK16-PE PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK10 | 1SNK710910R0000 | | 20 | 3.30 |

1SNK160318V0014

EK10-3P

## EK10-3P end sections

### Description

– Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
– Compatible with ZK10-3P, ZK10-PE-3P, ZK16-3P, ZK16-PE-3P... PI-Spring screwless terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EK10-3P | 1SNK710911R0000 | | 20 | 4.5 |

### Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

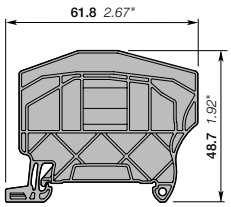
All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK160095S0201

CS-R2




**3 mm** 0.118 in spacing

# CS-R2 circuit separators

## Description

- Compact circuits separator solution (only 3mm spacing) which provides a convenient visual identification of the several circuits within terminal assemblies,
- Unique top marking possibility that can replace the conventional solution of "end stop with label holder" for demanding applications with high space constraints, - Compatible with all PI-spring feed-through and ground terminal blocks up to 8 mm spacing,
- Mounting on DIN3-TH35 rail.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| 3 mm 0.118 in spacing | Dark grey | CS-R2 | 1SNK900106R0000 | 20 | 3.80 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories

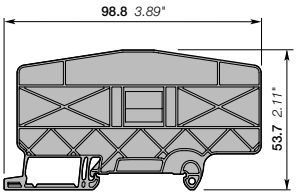
| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Terminal block markers | | White | MG-CPM 13 41791 | 1SNB041791R0612 | 1680 | 0.27 |
| Labels | | Yellow | MG-VYT 46415 | 1SNB046415R0615 | 5250 | 0.04 |
| | | White | MG-VYT 46915 | 1SNB046915R0615 | 5250 | 0.05 |
| Blank card | In polycarbonate | White | MC612 | 1SNK150000R0000 | 22 | 10.00 |
| | Blank card | | MC612PA | 1SNK159999R0000 | 20 | 11.00 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |

5

1SNK160072S0201

Technical data valid for copper conductors only.

CS-R3




**3 mm** 0.118 in spacing

# CS-R3 circuit separators

## Description

- Compact circuits separator solution (only 3mm spacing) which provides a convenient visual identification of the several circuits within terminal assemblies,
- Unique top marking possibility that can replace the conventional solution of "end stop with label holder" for demanding applications with high space constraints,
- Compatible with all single deck PI-spring terminal blocks and ZS10-ST...terminal blocks ,
- Mounting on DIN3-TH35 rail.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| 3 mm 0.118 in spacing | Dark grey | CS-R3 | 1SNK900107R0000 | 20 | 6.40 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

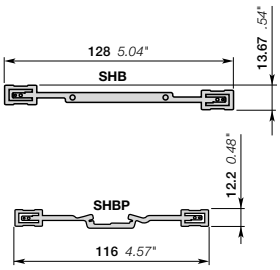
RoHS
RoHS

## Accessories

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Terminal block markers | | White | MG-CPM 13 41790 | 1SNB041790R0512 | 1960 | 0.23 |
| | | | MG-CPM 13 41791 | 1SNB041791R0612 | 1680 | 0.27 |
| Labels | | Yellow | MG-VYT 46415 | 1SNB046415R0615 | 5250 | 0.04 |
| | | White | MG-VYT 46915 | 1SNB046915R0615 | 5250 | 0.05 |
| Blank card | In polycarbonate | White | MC512 | 1SNK140000R0000 | 22 | 9.00 |
| | Blank card | | MC512PA | 1SNK149999R0000 | 20 | 10.00 |
| | In polycarbonate | | MC612 | 1SNK150000R0000 | 22 | 10.00 |
| | Blank card | | MC612PA | 1SNK159999R0000 | 20 | 11.00 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |

Technical data valid for copper conductors only.

SHBP/SHB




# SHBP/SHB shield connectors for PI-Spring terminal blocks

## Description

- Ensure the continuity of your shield connection,
- Various connection solutions available: RILS cable ties, soldering, quick-connect.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Compatible with ZK2.5 and ZK2.5-S terminal blocks | | SHBP | 1SNK900601R0000 | | 20 | 4.10 |
| Compatible with ZS and ZK double deck terminal blocks | | SHB | 1SNK900602R0000 | | 20 | 4.90 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | | | | | |
| | Flammability | | | | | |
| | NF F 16 101 | | | | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | | | |

| SHBP | IEC | UL - CSA | Ex e |
|---|---|---|---|
| **Rated voltage** | 100 V | | 50 V |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories for screw clamp and PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Cable ties | For SNK shield connector | | RILS | 1SNK900627R0000 | | 10 | 0.30 |

## Mounting instructions

- SHBS is directly fixed on the terminal block,
- SHB is fixed on the ES4-D2 end section,
- SHBP is directly fixed on the terminal block,
- Connect the cable shielding on the shielding connector with:
- RILS cable ties,
- quick-connect (the shield connector needs to be prepared),
- soldering iron.

1SNK160044S0201

Technical data valid for copper conductors only.

1SNK161013F0014

ES4

## ES4 end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with feed-through, ground and disconnect screw clamp terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2.2 mm 0.087 in spacing | Dark grey | ES4 | 1SNK505910R0000 | | 20 | 2.20 |

1SNK160229V0014

ES6-3S

## ES6-3S end sections

### Description

- Compatible with ZS6-3S and ZS6-3S-PE terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2.2 mm 0.087 in spacing | Dark grey | ES6-3S | 1SNK505912R0000 | | 20 | 2.50 |

1SNK160230V0014

ES6-4S

## ES6-4S end sections

### Description

- Compatible with ZS6-4S, ZS6-4S-PE, ZS6-S-4S-T2 and ZS4-PE-R2 terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2.2 mm 0.087 in spacing | Dark grey | ES6-4S | 1SNK505911R0000 | | 20 | 3.10 |

1SNK161012F0014

ES4-D2

## ES4-D2 end sections

### Description

- Unique dark grey color that fits all terminal blocks colours and ease the identification of circuits within your terminal block assemblies,
- Compatible with double deck screw clamp terminal blocks

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2.55 mm 0.100 in spacing | Dark grey | ES4-D2 | 1SNK505960R0000 | | 20 | 4.10 |

### Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK160061S0201

ES4-T3

## ES4-T3 end sections

### Description

– Compatible with ZS4-T3 terminal block.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 0.8 mm 0.031 in spacing | Dark grey | ES4-T3 | 1SNK505961R0000 | | 20 | 4.20 |

ES4-SF

## ES4-SF end sections

### Description

– Compatible with fuse ZS4-SF1... and disconnect screw clamp terminal blocks ZS4-S-R3.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 1.5 mm 0.059 in spacing | Dark grey | ES4-SF | 1SNK508960R0000 | | 20 | 1.80 |

ES4-D2-SF1

## ES4-D2-SF1 end sections

### Description

– Compatible with ZS4-D2-SF1 ... terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2.5 mm 0.098 in spacing | Dark grey | ES4-D2-SF1 | 1SNK508911R0000 | | 20 | 5.00 |

ES10-ST

## ES10-ST end sections

### Description

– Unique dark grey color that fits all test disconnect terminal blocks ZS10-ST... and ease the identification of circuits within your terminal block assemblies,
– Also compatible with ZS10-R1 and ZS10-PE-R1.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | ES10-ST | 1SNK508910R0000 | | 20 | 3.5 |

### Accessories

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Circuit separators | 0 mm 0 in spacing | Dark grey | CS | 1SNK900101R0000 | | 20 | 0.20 |

### Main technical data

| | | | |
|---|---|---|---|
| Material specifications | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| Ambient temperature min/max | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Technical data valid for copper conductors only.

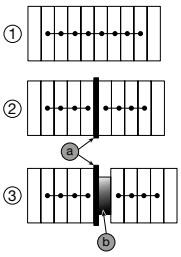
1SNK160062S0201

5

**JB8**

**8 mm** 0.315 in spacing

## Mounting instructions




1 - Rated voltage: 160 V (IEC) / Not authorized (UL)
2 - Rated voltage: 320 V (IEC) / Not authorized (UL)
3 - Rated voltage: 1000 V (IEC) / 300 V (UL)
a - End section ES10-ST
b - End stop BAZ1

# JB8 jumper bars

## Description

Insulated jumper bar with screw mounting.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 8 mm 0.315 in spacing | 2 poles | Orange | JB8-2-R1 | 1SNK908902R0000 | | 10 | 7.6 |
| | 3 poles | | JB8-3-R1 | 1SNK908903R0000 | | 10 | 11.6 |
| | 4 poles | | JB8-4-R1 | 1SNK908904R0000 | | 10 | 15.5 |
| | 5 poles | | JB8-5-R1 | 1SNK908905R0000 | | 10 | 19.4 |
| | 10 poles | | JB8-10-R1 | 1SNK908910R0000 | | 10 | 39.00 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | | Rail | | |
| | Flammability | V0 | | | | |
| | NF F 16 101 | I2F3 | | Tool | | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | Torque | | 0.7 Nm ± 0.1 6.2 lb.in ± 0.88 |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 50 A | 51 A | |
| **Rated voltage** | Standard use | 160 V | | |
| | Alternated poles | | | Not authorized |
| **Impulse withstand voltage** | | | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK161061S0201

**JB16**

**16 mm** 0.630 in spacing

## Mounting instructions

- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,
- Install the jumper bar with the recommended tool and torque.

# JB16 jumper bars

## Description

Insulated jumper bar with screw mounting.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 16 mm 0.630 in spacing | 2 poles | Orange | JB16-2 | 1SNK916302R0000 | | 10 | 10.00 |
| | 3 poles | | JB16-3 | 1SNK916303R0000 | | 10 | 16.00 |
| | 4 poles | | JB16-4 | 1SNK916304R0000 | | 10 | 22.00 |
| | 5 poles | | JB16-5 | 1SNK916305R0000 | | 10 | 28.00 |
| | 10 poles | | JB16-10 | 1SNK916310R0000 | | 10 | 56.60 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | | Rail | | |
| | Flammability | V0 | | | | |
| | NF F 16 101 | I2F3 | | Tool | | Flat screwdriver Ø 5.5 mm Ø 0.217 in |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | Torque | | 1.2 Nm ± 0.1 10.6 lb.in ± 0.885 |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 125 A | 150 A | |
| **Rated voltage** | Standard use | 1000 V | 600 V | |
| | Alternated poles | | | Not authorized |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | NEMA 1 | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

**JB22**

**22 mm** 0.866 in spacing

## Mounting instructions

- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,
- Install the jumper bar with the recommended tool and torque.

# JB22 jumper bars

## Description

Screw jumper bars

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 22 mm 0.866 in spacing | 2 poles | | JB22-2 | 1SNK922302R0000 | | 5 | 27.00 |
| | 3 poles | | JB22-3 | 1SNK922303R0000 | | 5 | 43.30 |
| | 5 poles | | JB22-5 | 1SNK922305R0000 | | 5 | 76.10 |
| | 10 poles | | JB22-10 | 1SNK922310R0000 | | 5 | 157.40 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | | Rail | | |
| | Flammability | | | | | |
| | NF F 16 101 | | | Tool | | Allen key Ø 4 mm Ø 0.157 in |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | Torque | | 2 Nm ± 0.4 17.7 lb.in ± 3.54 |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 192 A | 175 A | |
| **Rated voltage** | Standard use | 1000 V | 600 V | 630 V |
| | Alternated poles | | | Not authorized |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

Technical data valid for copper conductors only.



1SNK160032S0201

1SNK160100F0014

**JB26**

**26 mm** 1.024 in spacing

## Mounting instructions

- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,
- Install the jumper bar with the recommended tool and torque.

# JB26 jumper bars

## Description

Screw jumper bars

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 26 mm 1.02 in spacing | 2 poles | | JB26-2 | 1SNK926302R0000 | | 5 | 41.20 |
| | 3 poles | | JB26-3 | 1SNK926303R0000 | | 5 | 65.70 |
| | 5 poles | | JB26-5 | 1SNK926305R0000 | | 5 | 115.70 |
| | 10 poles | | JB26-10 | 1SNK926310R0000 | | 5 | 241.50 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | | | Rail | | |
| | Flammability | | | | | |
| | NF F 16 101 | | | Tool | | Allen key<br>Ø 4 mm<br>Ø 0.157 in |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | Torque | | 2 Nm ± 0.4<br>17.7 lb.in ± 3.54 |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 232 A | 230 A | |
| **Rated voltage** | Standard use | 1000 V | 600 V | 630 V |
| | Alternated poles | | | Not authorized |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK160034S0201

1SNK160100F0014

**BJMI31**

**31 mm** 1.22 in spacing

## Mounting instructions

- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,
- Install the jumper bar with the recommended tool and torque.

# BJMI31 jumper bars

## Description

Screw jumper bars

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 31mm 1.220 in spacing | 2 poles | | BJMI31.2 | 1SNA206053R0700 | | 1 | 120.00 |
| | 3 poles | | BJMI31.3 | 1SNA206054R0000 | | 1 | 190.00 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | | | Rail | | |
| | Flammability | | | | | |
| | NF F 16 101 | | | Tool | | Allen key Ø 5 mm Ø 0.196 in |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | Torque | | 3 Nm ± 0.4 26.55 lb.in ± 3.54 |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 309 A | 445 A | |
| **Rated voltage** | Standard use | 1000 V | 600 V | |
| | Alternated poles | | | Not authorized |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

1SNK160100F0014

**BJMI36**

**36 mm** 1.42 in spacing

## Mounting instructions

- With flat pliers, cut out the partitions on the terminal block insulating body. Be careful to not cut out the jumpered terminal blocks partitions at both ends of the assembly in order to maintain the IP20, Nema1 protection and insulation,
- Install the jumper bar with the recommended tool and torque.

# BJMI36 jumper bars

## Description

Screw jumper bars

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 36mm 1.41i7 n spacing | 2 poles | | BJMI36.2 | 1SNA206126R2500 | | 1 | 170.00 |
| | 3 poles | | BJMI36.3 | 1SNA206223R0600 | | 1 | 260.00 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | | | Rail | | |
| | Flammability | | | | | |
| | NF F 16 101 | | | Tool | | Allen key Ø 5 mm Ø 0.196 in |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | Torque | | 3 Nm ± 0.4 26.55 lb.in ± 3.54 |

| | | IEC | UL - CSA | Ex e |
|---|---|---|---|---|
| **Rated current** | | 415 A | 620 A | |
| **Rated voltage** | Standard use | 1000 V | 600 V | |
| | Alternated poles | | | Not authorized |
| **Impulse withstand voltage** | | 8000 V | | |
| **Protection** | | IP20 | | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

1SNK160097S0201

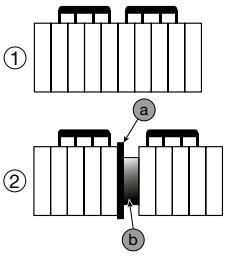
Technical data valid for copper conductors only.

1SNC160112F0014

**PC8**

**8 mm** 0.315 in spacing

## Mounting instructions for ZS10-ST...




1 - Rated voltage: 630 V (IEC) / 150 V (UL)
2 - Rated voltage: 630 V (IEC) / 300 V (UL)
a - End section ES10-ST
b - End stop BAZ1

# PC8 lateral jumper bars

## Description

IP20 Comb jumper bars,

- direct insertion in the screw clamp before tightening the screws, above the eventual conductor (if conductor used with ferrule, we recommend the use of long ferrule for optimized mounting ergonomy with test disconnect terminal blocks),
- Multiple versions available in pre-cut poles for test disconnect terminal blocks applications.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Lateral jumper bars** | | | | | | | |
| 8 mm 0.315 in spacing | 2 poles | Black ■ | PC8-2 | 1SNA116538R1700 | | 10 | 3.00 |
| | 3 poles | | PC8-3 | 1SNA116539R1000 | | 10 | 4.00 |
| | 4 poles | | PC8-4 | 1SNA116540R2500 | | 10 | 6.00 |
| | 10 poles | | PC8-10 | 1SNA163313R2400 | | 10 | 14.00 |
| **Lateral jumper bars pre-cut poles** | | | | | | | |
| 8 mm 0.315 in spacing | 4/6 poles | Black ■ | PC8-R1 | 1SNA400711R0600 | | 10 | 6.60 |
| | 4/8 poles | | PC8-R2 | 1SNA400712R0700 | | 10 | 7.80 |
| | 4/10 poles | | PC8-R3 | 1SNA400713R0000 | | 10 | 9.00 |
| | 3/4 poles | | PC8-R4 | 1SNA400724R0300 | | 10 | 4.50 |
| | 4/7 poles | | PC8-R5 | 1SNA400842R0000 | | 10 | 6.60 |
| | 2/3 poles | | PC8-R6 | 1SNA400843R0000 | | 10 | 6.60 |
| | 4/6 poles | | PC8-R7 | 1SNA400849R0000 | | 10 | 6.60 |
| | 4/8 poles | | PC8-R8 | 1SNA400850R0000 | | 10 | 7.80 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

1SNC160537F0014

**PC81**

**8 mm** 0.315 in spacing

# PC81 lateral jumper bars

## Description

Comb-type jumper bar, allows the connection of consecutive blocks or not by one compression clamp connection.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 8 mm 0.315 in spacing | 10 poles | Grey □ | PC81-10 | 1SNA173523R1100 | | 10 | 5.00 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Brass/polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | -23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

1SNK161060S0201

Technical data valid for copper conductors only.

**CS**

**0 mm** 0 in spacing

## Mounting instructions

# CS circuit separators

## Description

- The CS circuit separator avoids the derating of terminal blocks when cut jumper bars JB are used,
- Compatible with feed-through terminal blocks up to 16 mm² 4 AWG,
- Without spacing loss.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| 0 mm 0 in spacing | Dark grey | CS | 1SNK900101R0000 | 20 | 0.20 |

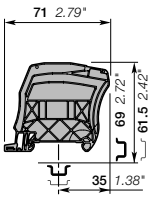
## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

**CS-R1**




**3 mm** 0.118 in spacing

## Mounting instructions

# CS-R1 circuit separators

## Description

- Ease the visual identification of the several circuits within your terminal block assemblies,
- Compatible with feed-through terminal blocks up to 35 mm² 0 AWG,
- Intermediate cover holder for CO protective cover,
- Mounting on DIN3-TH35 rail.

## Ordering details

| Description | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| 3 mm 0.118 in spacing | Dark grey | CS-R1 | 1SNK900103R0000 | 20 | 5.20 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

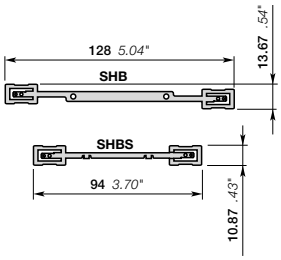
## Accessories

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Terminal block markers | | White | MG-CPM 13 41790 | 1SNB041790R0512 | 1960 | 0.23 |
| Blank card | In polycarbonate | | MC512 | 1SNK140000R0000 | 22 | 9.00 |
| | Blank card | | MC512PA | 1SNK149999R0000 | 20 | 10.00 |
| Universal wire markers holder | 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | 10 | 0.20 |

Technical data valid for copper conductors only.

1SNK160018S0201

SHBS/SHB




# SHBS/SHB shield connectors

## Description

- Ensure the continuity of your shield connection,
- Various connection solutions available: RILS cable ties, soldering, quick-connect.

## Ordering details

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Compatible with ZS feed-through terminal blocks | | | SHBS | 1SNK900600R0000 | | 20 | 3.50 |
| Compatible with ZS and ZK double deck terminal blocks | | | SHB | 1SNK900602R0000 | | 20 | 4.90 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | | | | | |
| | Flammability | | | | | |
| | NF F 16 101 | | | | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | | | |

| SHBS | IEC | UL - CSA | Ex e |
|---|---|---|---|
| **Rated voltage** | 320 V | | 125 V |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

## Accessories for screw clamp and PI-Spring terminal blocks

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Cable ties | For SNK shield connector | | RILS | 1SNK900627R0000 | | 10 | 0.30 |

## Mounting instructions

- SHBS is directly fixed on the terminal block,
- SHB is fixed on the ES4-D2 end section,
- SHBP is directly fixed on the terminal block,
- Connect the cable shielding on the shielding connector with:
- RILS cable ties,
- quick-connect (the shield connector needs to be prepared),
- soldering iron.

1SNK160079S0201

Technical data valid for copper conductors only.

# PL protecting covers
## Screw clamp terminal block accessories

PL

## Mounting instructions

- The mounting of the PL does not require a screwdriver,
- The dismounting of the PL requires a screwdriver DIA .4 mm 0.160 in, the screwdriver must be positionned in the cover centered hole.

## Description

- Prohibit access to the screw clamps,
- Indicate live circuits.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 5.2 mm 0.205 in spacing | Transparent | PL5 | 1SNK900618R0000 | | 10 | 1.50 |
| 6 mm 0.236 in spacing | | PL6 | 1SNK900619R0000 | | 10 | 1.80 |
| 8 mm 0.315 in spacing | | PL8 | 1SNK900620R0000 | | 10 | 2.60 |
| 10 mm 0.394 in spacing | | PL10 | 1SNK900621R0000 | | 10 | 3.10 |
| 16 mm 0.630 in spacing | | PL16 | 1SNK900622R0000 | | 10 | 4.60 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polycarbonate | |
| | Flammability | V2 | |
| | NF F 16 101 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

## Mounting instructions

| | | |
|---|---|---|
| Tool | | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |

All the main technical data provided are "manufacturer" values

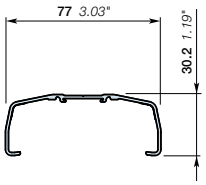
RoHS
RoHS

Technical data valid for copper conductors only.

1SNK160021S0201

1SNK160110F0014

CO




# CO protecting covers

## Description

- Restrict access to your assembly with the protecting cover CO installed with KCO mounting kit (2 end stops, 2 sealing accessories),
- Compatible with SNK feed-through terminal blocks up to 35 mm² 0 AWG.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 1 m 39.4 in length | Transparent | CO | 1SNK900604R0000 | | 1 | 300.00 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | PVC | | | | |
| | Flammability | V0 | | | | |
| | NF F 16 101 | | | | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +80 °C | -67 ... +176 °F | | | |
| | Storage | -55 ... +80 °C | -67 ... +176 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | | | |

All the main technical data provided are "manufacturer" values

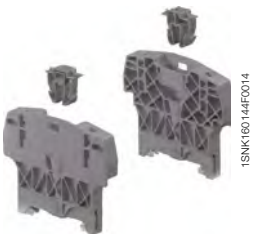
RoHS
RoHS

## Accessories

| Description | | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Protecting cover kits | Mounting kit for cover CO | Dark grey | KCO | 1SNK900624R0000 | | 1 | 47.80 |
| Label | | White | PAM43020 | 1SNA235106R2600 | | 20 | 27.00 |

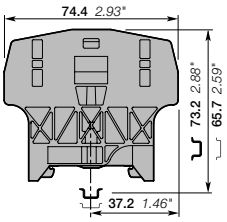
## Mounting instructions

Restrict access to the circuit by sealing the cover:
- Drill on the CO center line at 5 mm 0.197 in from the extremity with 5 mm 0.197 in diameter drill,
- Pass the sealing collar through the CO and KCO holes.



1SNK160144F0014

KCO




# KCO protecting cover kits

## Description

Mount your protecting cover with the KCO versatile mounting kit (2 end stops, 2 sealing accessories):
- Maintain the cover,
- Reliably seal the access to the terminal assembly if needed,
- Use it as well as an end stop.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Mounting kit for cover CO | Dark grey | KCO | 1SNK900624R0000 | | 1 | 47.80 |

## Main technical data

| | | | | | | |
|---|---|---|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | | Rail | | G32, TH 35-7.5, TH 35-15, TH 15-5.5 |
| | Flammability | V0 | | | | |
| | NF F 16 101 | | | Tool | | Flat screwdriver Ø 4 mm Ø 0.157 in |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Storage | -55 ... +110 °C | -67 ... +230 °F | | | |
| | Installing | -5 ... +40 °C | +23 ... +104 °F | | | |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK160045S0201

1SNK160221F0014

**SC-JB8**

**8 mm** 0.315 in spacing

# SC-JB8 short circuit bridges

## Description

- Allow safe short-circuiting of current Tranformers circuits,
- Insulated,
- Fully operated by screwdriver,
- Short circuited fixed position secured thanks to AJS9 tightening,
- Adapted hook shape maintains the bridge on the terminal block in the non short-circuited position,
- The orange version can be used as fixed jumpers.

## Ordering details

| Description | | Color | Type | Part Number | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 8 mm 0.315 in spacing | 2 poles | Yellow | SC-JB8-2 | 1SNK900652R0000 | 25 | 2.00 |
| | 3 poles | | SC-JB8-3 | 1SNK900653R0000 | 25 | 3.4 |
| | 4 poles | | SC-JB8-4 | 1SNK900654R0000 | 25 | 4.7 |
| | 3/5 poles | | SC-JB8-5 | 1SNK900655R0000 | 25 | 4.7 |
| | 3 poles | Orange | SC-JB8-3-OR | 1SNK900657R0000 | 25 | |
| | 4 poles | | SC-JB8-4-OR | 1SNK900658R0000 | 25 | |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

5

1SNK161063S0201

Technical data valid for copper conductors only.

1SNC160482F0014

**AJS**

**4 mm** 0.157 in spacing

# AJS test sockets

## Description

– Insulated test sockets,
  - Many colors available for circuit identification,
  - Compatible with standard DIA 4 mm 0.157 in test plugs:
  - insulated (according to IEC 60101-031) - not insulated (with mobile protection),
  - Compatible with ZS10-ST…SNK series terminal blocks, M6/8.ST...SNA series terminal blocks, D6/8. ST.RS..Solution series terminal blocks

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Test sockets DIA 4 mm 0.157 in | Grey | AJS9-GR | 1SNA206682R0300 | | 25 | 3.60 |
| | Blue | AJS9-BL | 1SNA206683R0400 | | 25 | 3.60 |
| | Yellow | AJS9 | 1SNA179726R0200 | | 25 | 3.60 |
| | Green | AJS9-GN | 1SNA206681R0200 | | 25 | 3.60 |
| | Red | AJS9-RD | 1SNA206720R1400 | | 25 | 3.60 |
| | Purple | AJS9-PR | 1SNA206772R0000 | | 25 | 3.60 |
| | Brown | AJS9-BR | 1SNA206782R0000 | | 25 | 3.60 |
| | White | AJS9-WH | 1SNA206765R0000 | | 25 | 3.60 |
| | Black | AJS9-BK | 1SNA206680R1500 | | 25 | 3.60 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F3 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

## Mounting instructions

| | | |
|---|---|---|
| Tool | | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque | | 0.5 Nm ± 0.1<br>4.42 lb.in ± 0.88 |

All the main technical data provided are "manufacturer" values

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK161064S0201

EDK2.5-22

## EDK2.5-22 end sections

### Description

– Compatible with ZDK2.5-22 and ZDK4-22 pluggable terminal blocks.

| Description | Color | Type | Part Number | Pkg qty | Weight 1 pce g |
|---|---|---|---|---|---|
| 2.2 mm 0.087 in spacing | Dark grey | EDK2.5-22 | 1SNK805910R0000 | 20 | 3.08 |

EDK2.5-21

## EDK2.5-21 end sections

### Description

– Compatible with ZDK2.5-11, ZDK2.5-11-BL and ZDK2.5-11-PE pluggable terminal blocks.

| Description | Color | Type | Part Number | Pkg qty | Weight 1 pce g |
|---|---|---|---|---|---|
| 1.5 mm 0.059 in spacing | Dark grey | EDK2.5-21 | 1SNK805914R0000 | 20 | 1.90 |

EDK2.5-11

## EDK2.5-11 end sections

### Description

– Compatible with ZD2.5-11 pluggable terminal blocks.

| Description | Color | Type | Part Number | Pkg qty | Weight 1 pce g |
|---|---|---|---|---|---|
| 1.5 mm 0.059 in spacing | Dark grey | EDK2.5-11 | 1SNK805915R0000 | 20 | 1.49 |

EDK2.5-D

## EDK2.5-D end sections

### Description

– Compatible with ZDK2.5-D2, ZDK2.5-D2-BL, ZDK2.5-D1, ZDK2.5-D1-PE and ZDK2.5-D2-PE pluggable terminal blocks.

| Description | Color | Type | Part Number | Pkg qty | Weight 1 pce g |
|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | EDK2.5-D | 1SNK805913R0000 | 20 | 3.88 |

### Main technical data

| | | | |
|---|---|---|---|
| Material specifications | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| Ambient temperature min/max | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °C |
| | Storage | -55 ... +110 °C | -67 ... +230 °C |
| | Installing | -5 ... +40 °C | +23 ... +104 °C |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK164033S0201

5

1SNK164028V0014

ED2.5-22

## ED2.5-22 end sections

### Description

– Compatible with ZD2.5-22 and ZD2.5-22-PE pluggable terminal blocks.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 2 mm 0.079 in spacing | Dark grey | ED2.5-22 | 1SNK805917R0000 | | 20 | 3.64 |

1SNK160302V0014

EDS4-22

## EDS4-22 end sections

### Description

– Compatible with ZDS4-22 pluggable terminal block.

### Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 0.8 mm 0.031 in spacing | Dark grey | EDS4-22 | 1SNK805911R0000 | | 20 | 1.85 |



### Main technical data

| | | | |
|---|---|---|---|
| Material specifications | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| Ambient temperature min/max | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °C |
| | Storage | -55 ... +110 °C | -67 ... +230 °C |
| | Installing | -5 ... +40 °C | +23 ... +104 °C |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

Technical data valid for copper conductors only.

1SNK164034S0201

**COP**

# COP coding pegs

## Description

– The coding pegs prevent plugs to be inserted into the wrong circuit.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| | Dark grey | COP-ZD | 1SNK900636R0000 | | 10 | 3.57 |

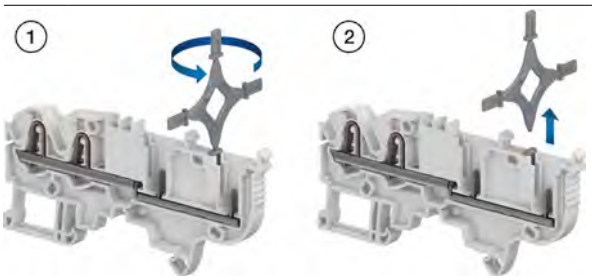
## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values.

RoHS
RoHS

## Mounting instructions



**VR**

**9.4 mm** 0.370 in spacing

# VR locking devices

## Description

– Automatic locking providing excellent plug withstand in case of accidental pulling,
– Lock safely one or two CDK or CDS plugs on ZDK and ZDS pluggable terminal blocks,
– Install one VR... up to 8 poles plugs assembly and two VR... up to 15 poles assembly.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 9.4 mm 0.370 in spacing | Black | VR-ZD | 1SNK900637R0000 | | 50 | 6.5 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyacetal | |
| | Flammability | HB | |
| | NF F 16 101 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

All the main technical data provided are "manufacturer" values.

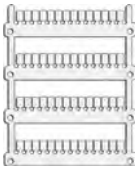
RoHS
RoHS

## Mounting instructions

1SNK164009S0201

Technical data valid for copper conductors only.

# SNK series, marking solutions



| | | |
|---|---|---|
| Selection guide | | 238-239 |
| MG3 thermal transfer printer | | 240-241 |
| AMS 600 and AMS 250 plotter | | 242-243 |

**Terminal block markers**

5.2 mm 0.205 in spacing

| | | |
|---|---|---|
| **MC512, MG-CPM-13** | Blank card in polycarbonate | 244 |
| **MC512PA** | Blank card in polyamide | 245 |
| | Pre-printed marker card for horizontal terminal block assembly | 246-247 |
| | Pre-printed marker card for vertical terminal block assembly | 248-249 |

6 mm 0.236 in spacing

| | | |
|---|---|---|
| **MC612, MG-CPM-13** | Blank card in polycarbonate | 250 |
| **MC612PA** | Blank card in polyamide | 251 |
| | Pre-printed marker card for horizontal terminal block assembly | 252-253 |
| | Pre-printed marker card for vertical terminal block assembly | 254 |

8 mm 0.315 in spacing

| | | |
|---|---|---|
| **MC812, MC812PA** | Blank card | 256 |
| **MC812PA** | Pre-printed marker card for horizontal terminal block assembly | 257-258 |
| | Pre-printed marker card for vertical terminal block assembly | 259-260 |

**Markers**

| | | |
|---|---|---|
| **UMH** | Universal wire markers holder | 261 |
| **MG2-TDMO** | Clip-on blank wire marker | 261 |
| **MG-TAR, MG-TAA** | Markers for components | 262 |
| **MG-TAPW** | Markers for components | 263 |
| **MCLH** | Label | 264 |

**Marking systems**

| | | |
|---|---|---|
| **HTP500** | Consumable | 265 |
| **MG3** | Thermal transfer printer | 266 |
| **AMS** | Plotter | 267-268 |

## For versatile applications

| Marking systems | MG3 |
|---|---|
| Technology | Thermal transfer |
| Printing mode | Manual |
| Printing speed | Medium |
| Printing quality | 300 x 600 dpi |
| 1 ribbon or ink cartridge printing capacity | ~ 160 000, MG-CPM (5 x 10 mm markers) |
| Printing color available (monochrome) | Black / Red / Blue / Green / White |
| Terminal block markers material | Polycarbonate |
| Terminal block markers | |
| SNK series terminal blocks blank markers polyamide | – |
| SNK series terminal blocks blank markers polycarbonate | MG-CPM |
| SNK series terminal blocks blank markers PVC | MG-CPMF |
| End stop markers | 2 marker types |
| Other terminal blocks manufacturers blank markers | 15 manufacturers |
| Wires and cables markers | 4 marker types |
| Components and equipment markers | 9 marker types |

## For basic marking applications

| | AMS 600 - AMS 250 |
|---|---|
| | Plotter |
| | Manual |
| | Low |
| | 300 x 300 dpi |
| | ~ 230 000 markers (with 3 characters per markers) |
| | Black |
| | Polyamide |
| | MC…PA |
| | – |
| | – |
| | 4 marker types |
| | 5 manufacturers |
| | 1 marker type |
| | 9 marker types |



1SNC160226S0201

# The versatile, compact and robust marking system

MARKINGenius® MG3 is a high resolution printer based on thermal transfer technology for producing high quality identification and labelling for terminal blocks, cables and all equipment mounted in electrical panels.

Compact, ergonomic, clean and quiet, MARKINGenius® MG3 may be conveniently located in an office or workshop or easily transported in the field.

Thermal transfer technology uses heat to transfer characters or symbols onto a plastic marker through an ink ribbon. Besides the excellent printing quality, there is no drying time and the markers are instantly usable.
With the MG3 thermal transfer printer, forget about drying times and clogged print head problems.

# Combined simplicity, performance and make savings



**Facilitate your printing process**
**Compact design** (382 x 230 x 230 mm) facilitates use in workshops or in the field.
**Easy to install and use**: comprehensive quick-start kit. Intuitive software with easy data import and entry.
**Versatile**: many different media available: plastic markers, stickers, labels etc.

**Save time and consumables**
**Gain time with a short printing process**: 12 seconds cycle. Carriage loading and unloading operation is fast and simple.
**Economic**: up to 300 000 markers with one ribbon. Partially printed marker card may be reused to avoid wastage.
**No drying time**: printed markers are immediately ready to use.

**Experience quality**
**High Quality printing**: 300 x 600 dpi for image or graphic printing.
**Robust**: all moving parts are in metal.

High quality printing

Short printing cycle of 12 seconds

Economic: up to 300 000 markers with one ribbon

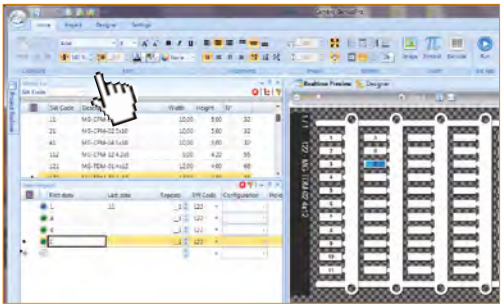
Many media types available for printing

1SNC160211S0201

### The MG3 printer is delivered with a comprehensive set of accessories for getting started quickly

Kit (Part number: 1SNB419001R0000) including:

- 1 Thermal transfer printer
- 1 Software CD
- 1 Power supply cable
- 1 USB cable
- 1 Installation, operating, maintenance and user documentation
- 1 Protective cover
- 1 Ribbon take up spool
- 1 MG2-QTB support plate for terminal block markers (MG-CPM-01, 02, 03, 04, 07)
- 1 MG2-PWC support plate for wire and cable markers (MG-TPM)
- 1 MG2-PLT support plate for wire and cable markers (MG-TPMF) and various labels and signs
- 1 MG2-ETB Support plate for SNK series terminal block markers (MG-CPM-13)
- 1 MG2-ETR Black printing ribbon.



### Genius Pro software

The Genius Pro software application benefits from long experience in the field and requires the operator to have only basic skills in order to use it. It is application-oriented and provides fast and easy data entry including a dynamic full-size media preview giving an accurate representation of the current job.

Features / characteristics:

- More than ten types of counter such as *.txt, *.cad, *.dbf, *.xls can be imported
- AutoCAD, Elcad, Spac and Excel import
- MATRIX, ACS and Simplo conversion
- Optimised printing of media for cables, terminal blocks, control gear, connectors, push buttons, components, panels and self-adhesive labels
- Specially developed proprietary Genius font and also Windows fonts
- Designs customised media
- Vector, drawing and clip art printing
- Free upgrades for each new release
- Microsoft® Windows® XP, Windows Vista®, Windows 2000 SP4®, Windows 7®.



1SNC160211S0201

# AMS 600

### Universal printing plotter

Compatible with all original manufacturer terminal block markers (polyamide), it can also print other identification supports such as: wire and cable markers, push buttons, panels…
This plotter offers a large working area, hosting up to 4 different support plates for one plot job.

### Error detection mode

The A3 panel automatically recognises the support plate and avoids the need to select marking elements, it also warns the user when the support is wrongly installed.

### Dry out protection system

Pens are prevented from drying out thanks to AMS 600 integrated pen station.

# AMS 250

### Compact

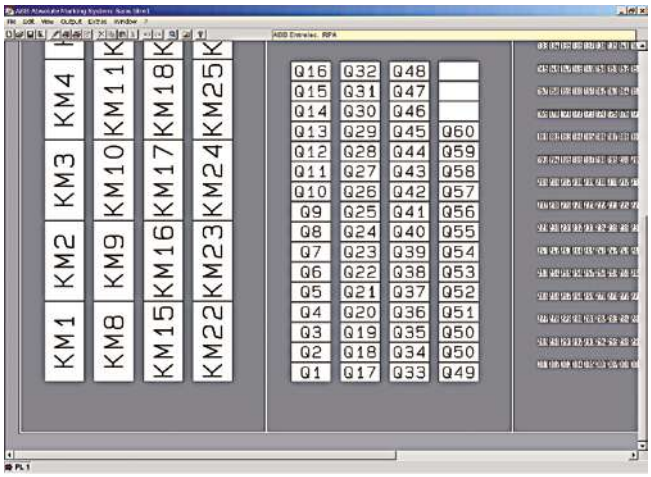
This A4 plotter is smaller than AMS 600 and is more suited to a cluttered environment.

1SNC160215S0201

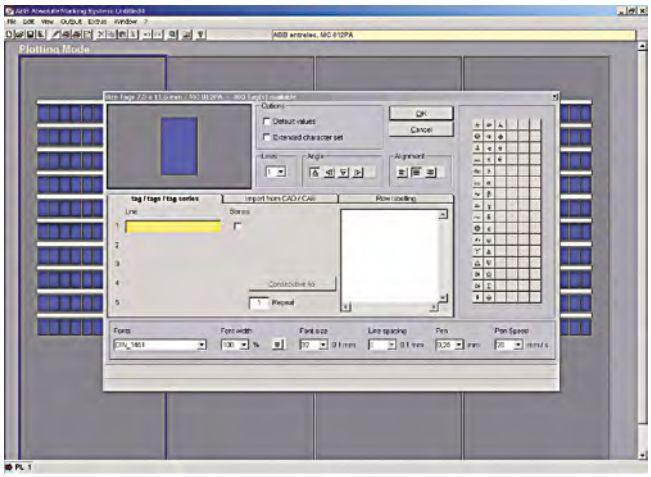
## Automatic installation

The installation program starts automatically. The computer just needs to be rebooted after it has finished and printing can start.

## What you see is what you get !



User friendly
Microsoft® Windows® software



Time saving: data import function
from CAD, TXT and Excel® files

Microsoft, Windows, Excel are trademarks of Microsoft Corporation.

**New special ink disposable plotter pens ED-R**

- Disposable pens ED-R almost never clog, they are ideal for use in particularly dry environments.
- These pens are filled with the permanent ink ED, most suitable for marking various plastic surfaces.
- The ED ink should only be used on plastic material. Do not clean or touch with aggressive fluids.
- For applications outside of the control panel the ink P 2.0 is more suitable and durable.

1SNC160215S0201

MC512

HTP500-V2

# MC512 terminal block markers

## Description

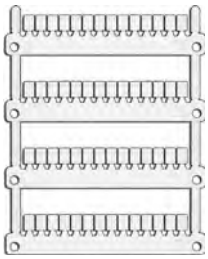
- MC512 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions | |
|---|---|---|---|---|---|---|---|
| | | | | | | mm | inches |
| Polycarbonate | V0 | Horizontal | 3 | Vertical | 8 | 4.8 x 12 | 0.189 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 45 | White | MC512 | 1SNK140000R0000 | | 22 | 9.00 |
| | | Yellow | MC512-YL | 1SNK140004R0000 | | 22 | 9.00 |



MG-CPM-13

MG3 KIT

# MG-CPM-13 terminal block markers

## Description

- MG-CPM-13 41790 and 41740 markers are used for marking 5.2 mm 0.205 in spacing SNK terminal blocks,
- Provide an elevate mechanical robustness, high dimensional stability and are halogen free,
- Single application on terminal block,
- 35 cards per packing

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions | |
|---|---|---|---|---|---|---|---|
| | | | | | | mm | inches |
| Polycarbonate | V2 | Horizontal | 3 | Vertical | 8 | 4.8 x 12 | 0.196 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg marker | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 56 | White | MG-CPM 13 41790 | 1SNB041790R0512 | | 1960 | 0.232 |
| | | Yellow | MG-CPM 13 41740 | 1SNB041740R0512 | | 1960 | 0.232 |

## Marking systems

| Description | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Thermal transfer printer | MG3 KIT | 1SNB419001R0000 | | 1 | 12600.00 |

## Marking systems accessories

| Description | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Support plate for MG-CPM-13 | MG2-ETB 991016 | 1SNB991016R0000 | | 1 | 100.00 |

MC512PA

AMS 600

# MC512PA terminal block markers

## Description

- MC512PA marker card in polyamide to be marked on AMS 600 marking table for medium scale volumes and standard industrial applications,
- Terminal blocks are directly independent after strip mounting,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions | |
|---|---|---|---|---|---|---|---|
| | | | | | | mm | inches |
| Polyamide | V2 | Horizontal | 3 | Vertical | 8 | 4.8 x 12 | 0.189 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 100 | White ☐ | MC512PA | 1SNK149999R0000 | | 20 | 10.00 |

## Marking systems

| Description | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| AMS plotter | AMS 600 KIT | 1SNA360000R2400 | | 1 | 12600.00 |

## Marking systems accessories

| Description | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Marking support plate for MC PA marker cards (3 MC PA marker cards per plate) | SPRC 30-3 | 1SNA360039R1700 | | 1 | 300.00 |



1SNK160076S0201

# MC512PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly



MC512PA

**5.2 mm** 0.205 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

| Material | Flammability | Dimensions mm | Dimensions inches |
|---|---|---|---|
| Polyamide | V2 | 4.8 x 12 | 0.189 x 0.472 |

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 0->9 (x10) | 100 | White ☐ | MC512PA | 1SNK140091R0000 | | 1 | 10.00 |
| 1->10 (x10) | 100 | White ☐ | MC512PA | 1SNK140011R0000 | | 1 | 10.00 |
| 11->20 (x10) | 100 | White ☐ | MC512PA | 1SNK140021R0000 | | 1 | 10.00 |
| 21->30 (x10) | 100 | White ☐ | MC512PA | 1SNK140031R0000 | | 1 | 10.00 |
| 31->40 (x10) | 100 | White ☐ | MC512PA | 1SNK140041R0000 | | 1 | 10.00 |
| 41->50 (x10) | 100 | White ☐ | MC512PA | 1SNK140051R0000 | | 1 | 10.00 |
| 51->60 (x10) | 100 | White ☐ | MC512PA | 1SNK140061R0000 | | 1 | 10.00 |
| 61->70 (x10) | 100 | White ☐ | MC512PA | 1SNK140071R0000 | | 1 | 10.00 |
| 71->80 (x10) | 100 | White ☐ | MC512PA | 1SNK140081R0000 | | 1 | 10.00 |
| 81->90 (x10) | 100 | White ☐ | MC512PA | 1SNK140083R0000 | | 1 | 10.00 |
| 91->100 (x10) | 100 | White ☐ | MC512PA | 1SNK140101R0000 | | 1 | 10.00 |
| 101->110 (x10) | 100 | White ☐ | MC512PA | 1SNK140111R0000 | | 1 | 10.00 |
| 111->120 (x10) | 100 | White ☐ | MC512PA | 1SNK140121R0000 | | 1 | 10.00 |
| 121->130 (x10) | 100 | White ☐ | MC512PA | 1SNK140131R0000 | | 1 | 10.00 |
| 131->140 (x10) | 100 | White ☐ | MC512PA | 1SNK140141R0000 | | 1 | 10.00 |
| 141->150 (x10) | 100 | White ☐ | MC512PA | 1SNK140151R0000 | | 1 | 10.00 |
| 151->160 (x10) | 100 | White ☐ | MC512PA | 1SNK140161R0000 | | 1 | 10.00 |
| 161->170 (x10) | 100 | White ☐ | MC512PA | 1SNK140171R0000 | | 1 | 10.00 |
| 171->180 (x10) | 100 | White ☐ | MC512PA | 1SNK140181R0000 | | 1 | 10.00 |
| 181->190 (x10) | 100 | White ☐ | MC512PA | 1SNK140191R0000 | | 1 | 10.00 |
| 191->200 (x10) | 100 | White ☐ | MC512PA | 1SNK140201R0000 | | 1 | 10.00 |
| 1->100 | 100 | White ☐ | MC512PA | 1SNK145011R0000 | | 1 | 10.00 |
| 101->200 | 100 | White ☐ | MC512PA | 1SNK145021R0000 | | 1 | 10.00 |
| 201->300 | 100 | White ☐ | MC512PA | 1SNK145031R0000 | | 1 | 10.00 |
| 301->400 | 100 | White ☐ | MC512PA | 1SNK145041R0000 | | 1 | 10.00 |
| 401->500 | 100 | White ☐ | MC512PA | 1SNK145051R0000 | | 1 | 10.00 |
| 501->600 | 100 | White ☐ | MC512PA | 1SNK145061R0000 | | 1 | 10.00 |
| 601->700 | 100 | White ☐ | MC512PA | 1SNK145071R0000 | | 1 | 10.00 |
| 701->800 | 100 | White ☐ | MC512PA | 1SNK145081R0000 | | 1 | 10.00 |
| 801->900 | 100 | White ☐ | MC512PA | 1SNK145091R0000 | | 1 | 10.00 |
| A (x100) | 100 | White ☐ | MC512PA | 1SNK146011R0000 | | 1 | 10.00 |
| B (x100) | 100 | White ☐ | MC512PA | 1SNK146021R0000 | | 1 | 10.00 |
| C (x100) | 100 | White ☐ | MC512PA | 1SNK146031R0000 | | 1 | 10.00 |
| D (x100) | 100 | White ☐ | MC512PA | 1SNK146041R0000 | | 1 | 10.00 |
| E (x100) | 100 | White ☐ | MC512PA | 1SNK146051R0000 | | 1 | 10.00 |
| F (x100) | 100 | White ☐ | MC512PA | 1SNK146061R0000 | | 1 | 10.00 |
| G (x100) | 100 | White ☐ | MC512PA | 1SNK146071R0000 | | 1 | 10.00 |
| H (x100) | 100 | White ☐ | MC512PA | 1SNK146081R0000 | | 1 | 10.00 |
| I (x100) | 100 | White ☐ | MC512PA | 1SNK146091R0000 | | 1 | 10.00 |
| J (x100) | 100 | White ☐ | MC512PA | 1SNK146101R0000 | | 1 | 10.00 |
| K (x100) | 100 | White ☐ | MC512PA | 1SNK146111R0000 | | 1 | 10.00 |
| L (x100) | 100 | White ☐ | MC512PA | 1SNK146121R0000 | | 1 | 10.00 |
| M (x100) | 100 | White ☐ | MC512PA | 1SNK146131R0000 | | 1 | 10.00 |
| N (x100) | 100 | White ☐ | MC512PA | 1SNK146141R0000 | | 1 | 10.00 |
| O (x100) | 100 | White ☐ | MC512PA | 1SNK146151R0000 | | 1 | 10.00 |
| P (x100) | 100 | White ☐ | MC512PA | 1SNK146161R0000 | | 1 | 10.00 |
| Q (x100) | 100 | White ☐ | MC512PA | 1SNK146171R0000 | | 1 | 10.00 |
| R (x100) | 100 | White ☐ | MC512PA | 1SNK146181R0000 | | 1 | 10.00 |
| S (x100) | 100 | White ☐ | MC512PA | 1SNK146191R0000 | | 1 | 10.00 |
| T (x100) | 100 | White ☐ | MC512PA | 1SNK146201R0000 | | 1 | 10.00 |
| U (x100) | 100 | White ☐ | MC512PA | 1SNK146211R0000 | | 1 | 10.00 |
| V (x100) | 100 | White ☐ | MC512PA | 1SNK146221R0000 | | 1 | 10.00 |
| W (x100) | 100 | White ☐ | MC512PA | 1SNK146231R0000 | | 1 | 10.00 |
| X (x100) | 100 | White ☐ | MC512PA | 1SNK146241R0000 | | 1 | 10.00 |
| Y (x100) | 100 | White ☐ | MC512PA | 1SNK146251R0000 | | 1 | 10.00 |

Continue on next page →

# MC512PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly



MC512PA

**5.2 mm** 0.205 in spacing

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| ← Continuation of previous page | | | | | | | |
| Z (x100) | 100 | White | MC512PA | 1SNK146261R0000 | | 1 | 10.00 |
| 0 (x100) | 100 | White | MC512PA | 1SNK147001R0000 | | 1 | 10.00 |
| 1 (x100) | 100 | White | MC512PA | 1SNK147011R0000 | | 1 | 10.00 |
| 2 (x100) | 100 | White | MC512PA | 1SNK147021R0000 | | 1 | 10.00 |
| 3 (x100) | 100 | White | MC512PA | 1SNK147031R0000 | | 1 | 10.00 |
| 4 (x100) | 100 | White | MC512PA | 1SNK147041R0000 | | 1 | 10.00 |
| 5 (x100) | 100 | White | MC512PA | 1SNK147051R0000 | | 1 | 10.00 |
| 6 (x100) | 100 | White | MC512PA | 1SNK147061R0000 | | 1 | 10.00 |
| 7 (x100) | 100 | White | MC512PA | 1SNK147071R0000 | | 1 | 10.00 |
| 8 (x100) | 100 | White | MC512PA | 1SNK147081R0000 | | 1 | 10.00 |
| 9 (x100) | 100 | White | MC512PA | 1SNK147091R0000 | | 1 | 10.00 |
| + (x100) | 100 | White | MC512PA | 1SNK148001R0000 | | 1 | 10.00 |
| - (x100) | 100 | White | MC512PA | 1SNK148011R0000 | | 1 | 10.00 |
| ~ (x100) | 100 | White | MC512PA | 1SNK148021R0000 | | 1 | 10.00 |
| = (x100) | 100 | White | MC512PA | 1SNK148031R0000 | | 1 | 10.00 |
| ⏚ (x100) | 100 | White | MC512PA | 1SNK148041R0000 | | 1 | 10.00 |
| L1 (x100) | 100 | White | MC512PA | 1SNK148051R0000 | | 1 | 10.00 |
| L2 (x100) | 100 | White | MC512PA | 1SNK148061R0000 | | 1 | 10.00 |
| L3 (x100) | 100 | White | MC512PA | 1SNK148071R0000 | | 1 | 10.00 |
| PE (x100) | 100 | White | MC512PA | 1SNK148091R0000 | | 1 | 10.00 |
| U1 (x100) | 100 | White | MC512PA | 1SNK148101R0000 | | 1 | 10.00 |
| U2 (x100) | 100 | White | MC512PA | 1SNK148111R0000 | | 1 | 10.00 |
| U3 (x100) | 100 | White | MC512PA | 1SNK148121R0000 | | 1 | 10.00 |
| V1 (x100) | 100 | White | MC512PA | 1SNK148131R0000 | | 1 | 10.00 |
| V2 (x100) | 100 | White | MC512PA | 1SNK148141R0000 | | 1 | 10.00 |
| V3 (x100) | 100 | White | MC512PA | 1SNK148151R0000 | | 1 | 10.00 |
| W1 (x100) | 100 | White | MC512PA | 1SNK148161R0000 | | 1 | 10.00 |
| W2 (x100) | 100 | White | MC512PA | 1SNK148171R0000 | | 1 | 10.00 |
| W3 (x100) | 100 | White | MC512PA | 1SNK148181R0000 | | 1 | 10.00 |
| L1-L2-L3-N-PE (x20) | 100 | White | MC512PA | 1SNK149001R0000 | | 1 | 10.00 |
| U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10) | 100 | White | MC512PA | 1SNK149011R0000 | | 1 | 10.00 |



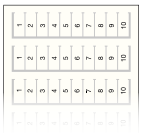
1SNK160004S0201 - Rev. A

# MC512PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly



MC512PA



**5.2 mm** 0.205 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

| Material | Flammability | Dimensions mm | Dimensions inches |
|---|---|---|---|
| Polyamide | V2 | 4.8 x 12 | 0.189 x 0.472 |

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 0->9 (x10) | 100 | White ☐ | MC512PA | 1SNK140092R0000 | | 1 | 10.00 |
| 1->10 (x10) | 100 | White ☐ | MC512PA | 1SNK140012R0000 | | 1 | 10.00 |
| 11->20 (x10) | 100 | White ☐ | MC512PA | 1SNK140022R0000 | | 1 | 10.00 |
| 21->30 (x10) | 100 | White ☐ | MC512PA | 1SNK140032R0000 | | 1 | 10.00 |
| 31->40 (x10) | 100 | White ☐ | MC512PA | 1SNK140042R0000 | | 1 | 10.00 |
| 41->50 (x10) | 100 | White ☐ | MC512PA | 1SNK140052R0000 | | 1 | 10.00 |
| 51->60 (x10) | 100 | White ☐ | MC512PA | 1SNK140062R0000 | | 1 | 10.00 |
| 61->70 (x10) | 100 | White ☐ | MC512PA | 1SNK140072R0000 | | 1 | 10.00 |
| 71->80 (x10) | 100 | White ☐ | MC512PA | 1SNK140082R0000 | | 1 | 10.00 |
| 81->90 (x10) | 100 | White ☐ | MC512PA | 1SNK140084R0000 | | 1 | 10.00 |
| 91->100 (x10) | 100 | White ☐ | MC512PA | 1SNK140102R0000 | | 1 | 10.00 |
| 101->110 (x10) | 100 | White ☐ | MC512PA | 1SNK140112R0000 | | 1 | 10.00 |
| 111->120 (x10) | 100 | White ☐ | MC512PA | 1SNK140122R0000 | | 1 | 10.00 |
| 121->130 (x10) | 100 | White ☐ | MC512PA | 1SNK140132R0000 | | 1 | 10.00 |
| 131->140 (x10) | 100 | White ☐ | MC512PA | 1SNK140142R0000 | | 1 | 10.00 |
| 141->150 (x10) | 100 | White ☐ | MC512PA | 1SNK140152R0000 | | 1 | 10.00 |
| 151->160 (x10) | 100 | White ☐ | MC512PA | 1SNK140162R0000 | | 1 | 10.00 |
| 161->170 (x10) | 100 | White ☐ | MC512PA | 1SNK140172R0000 | | 1 | 10.00 |
| 171->180 (x10) | 100 | White ☐ | MC512PA | 1SNK140182R0000 | | 1 | 10.00 |
| 181->190 (x10) | 100 | White ☐ | MC512PA | 1SNK140192R0000 | | 1 | 10.00 |
| 191->200 (x10) | 100 | White ☐ | MC512PA | 1SNK140202R0000 | | 1 | 10.00 |
| 1->100 | 100 | White ☐ | MC512PA | 1SNK145012R0000 | | 1 | 10.00 |
| 101->200 | 100 | White ☐ | MC512PA | 1SNK145022R0000 | | 1 | 10.00 |
| 201->300 | 100 | White ☐ | MC512PA | 1SNK145032R0000 | | 1 | 10.00 |
| 301->400 | 100 | White ☐ | MC512PA | 1SNK145042R0000 | | 1 | 10.00 |
| 401->500 | 100 | White ☐ | MC512PA | 1SNK145052R0000 | | 1 | 10.00 |
| 501->600 | 100 | White ☐ | MC512PA | 1SNK145062R0000 | | 1 | 10.00 |
| 601->700 | 100 | White ☐ | MC512PA | 1SNK145072R0000 | | 1 | 10.00 |
| 701->800 | 100 | White ☐ | MC512PA | 1SNK145082R0000 | | 1 | 10.00 |
| 801->900 | 100 | White ☐ | MC512PA | 1SNK145092R0000 | | 1 | 10.00 |
| 901->1000 | 100 | White ☐ | MC512PA | 1SNK145102R0000 | | 1 | 10.00 |
| A (x100) | 100 | White ☐ | MC512PA | 1SNK146012R0000 | | 1 | 10.00 |
| B (x100) | 100 | White ☐ | MC512PA | 1SNK146022R0000 | | 1 | 10.00 |
| C (x100) | 100 | White ☐ | MC512PA | 1SNK146032R0000 | | 1 | 10.00 |
| D (x100) | 100 | White ☐ | MC512PA | 1SNK146042R0000 | | 1 | 10.00 |
| E (x100) | 100 | White ☐ | MC512PA | 1SNK146052R0000 | | 1 | 10.00 |
| F (x100) | 100 | White ☐ | MC512PA | 1SNK146062R0000 | | 1 | 10.00 |
| G (x100) | 100 | White ☐ | MC512PA | 1SNK146072R0000 | | 1 | 10.00 |
| H (x100) | 100 | White ☐ | MC512PA | 1SNK146082R0000 | | 1 | 10.00 |
| I (x100) | 100 | White ☐ | MC512PA | 1SNK146092R0000 | | 1 | 10.00 |
| J (x100) | 100 | White ☐ | MC512PA | 1SNK146102R0000 | | 1 | 10.00 |
| K (x100) | 100 | White ☐ | MC512PA | 1SNK146112R0000 | | 1 | 10.00 |
| L (x100) | 100 | White ☐ | MC512PA | 1SNK146122R0000 | | 1 | 10.00 |
| M (x100) | 100 | White ☐ | MC512PA | 1SNK146132R0000 | | 1 | 10.00 |
| N (x100) | 100 | White ☐ | MC512PA | 1SNK146142R0000 | | 1 | 10.00 |
| O (x100) | 100 | White ☐ | MC512PA | 1SNK146152R0000 | | 1 | 10.00 |
| P (x100) | 100 | White ☐ | MC512PA | 1SNK146162R0000 | | 1 | 10.00 |
| Q (x100) | 100 | White ☐ | MC512PA | 1SNK146172R0000 | | 1 | 10.00 |
| R (x100) | 100 | White ☐ | MC512PA | 1SNK146182R0000 | | 1 | 10.00 |
| S (x100) | 100 | White ☐ | MC512PA | 1SNK146192R0000 | | 1 | 10.00 |
| T (x100) | 100 | White ☐ | MC512PA | 1SNK146202R0000 | | 1 | 10.00 |
| U (x100) | 100 | White ☐ | MC512PA | 1SNK146212R0000 | | 1 | 10.00 |
| V (x100) | 100 | White ☐ | MC512PA | 1SNK146222R0000 | | 1 | 10.00 |

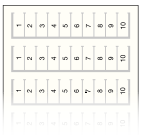
Continue on next page →

# MC512PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly



MC512PA



**5.2 mm** 0.205 in spacing

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| ← Continuation of previous page | | | | | | | |
| W (x100) | 100 | White | MC512PA | 1SNK146232R0000 | | 1 | 10.00 |
| X (x100) | 100 | White | MC512PA | 1SNK146242R0000 | | 1 | 10.00 |
| Y (x100) | 100 | White | MC512PA | 1SNK146252R0000 | | 1 | 10.00 |
| Z (x100) | 100 | White | MC512PA | 1SNK146262R0000 | | 1 | 10.00 |
| 0 (x100) | 100 | White | MC512PA | 1SNK147002R0000 | | 1 | 10.00 |
| 1 (x100) | 100 | White | MC512PA | 1SNK147012R0000 | | 1 | 10.00 |
| 2 (x100) | 100 | White | MC512PA | 1SNK147022R0000 | | 1 | 10.00 |
| 3 (x100) | 100 | White | MC512PA | 1SNK147032R0000 | | 1 | 10.00 |
| 4 (x100) | 100 | White | MC512PA | 1SNK147042R0000 | | 1 | 10.00 |
| 5 (x100) | 100 | White | MC512PA | 1SNK147052R0000 | | 1 | 10.00 |
| 6 (x100) | 100 | White | MC512PA | 1SNK147062R0000 | | 1 | 10.00 |
| 7 (x100) | 100 | White | MC512PA | 1SNK147072R0000 | | 1 | 10.00 |
| 8 (x100) | 100 | White | MC512PA | 1SNK147082R0000 | | 1 | 10.00 |
| 9 (x100) | 100 | White | MC512PA | 1SNK147092R0000 | | 1 | 10.00 |
| + (x100) | 100 | White | MC512PA | 1SNK148002R0000 | | 1 | 10.00 |
| - (x100) | 100 | White | MC512PA | 1SNK148012R0000 | | 1 | 10.00 |
| ~ (x100) | 100 | White | MC512PA | 1SNK148022R0000 | | 1 | 10.00 |
| = (x100) | 100 | White | MC512PA | 1SNK148032R0000 | | 1 | 10.00 |
| ⏚ (x100) | 100 | White | MC512PA | 1SNK148042R0000 | | 1 | 10.00 |
| L1 (x100) | 100 | White | MC512PA | 1SNK148052R0000 | | 1 | 10.00 |
| L2 (x100) | 100 | White | MC512PA | 1SNK148062R0000 | | 1 | 10.00 |
| L3 (x100) | 100 | White | MC512PA | 1SNK148072R0000 | | 1 | 10.00 |
| PE (x100) | 100 | White | MC512PA | 1SNK148092R0000 | | 1 | 10.00 |
| U1 (x100) | 100 | White | MC512PA | 1SNK148102R0000 | | 1 | 10.00 |
| U2 (x100) | 100 | White | MC512PA | 1SNK148112R0000 | | 1 | 10.00 |
| U3 (x100) | 100 | White | MC512PA | 1SNK148122R0000 | | 1 | 10.00 |
| V1 (x100) | 100 | White | MC512PA | 1SNK148132R0000 | | 1 | 10.00 |
| V2 (x100) | 100 | White | MC512PA | 1SNK148142R0000 | | 1 | 10.00 |
| V3 (x100) | 100 | White | MC512PA | 1SNK148152R0000 | | 1 | 10.00 |
| W1 (x100) | 100 | White | MC512PA | 1SNK148162R0000 | | 1 | 10.00 |
| W2 (x100) | 100 | White | MC512PA | 1SNK148172R0000 | | 1 | 10.00 |
| W3 (x100) | 100 | White | MC512PA | 1SNK148182R0000 | | 1 | 10.00 |
| +24V (x100) | 100 | White | MC512PA | 1SNK148192R0000 | | 1 | 10.00 |
| +48V (x100) | 100 | White | MC512PA | 1SNK148202R0000 | | 1 | 10.00 |
| -24V (x100) | 100 | White | MC512PA | 1SNK148212R0000 | | 1 | 10.00 |
| -48V (x100) | 100 | White | MC512PA | 1SNK148222R0000 | | 1 | 10.00 |
| L1-L2-L3-N-PE (x20) | 100 | White | MC512PA | 1SNK149002R0000 | | 1 | 10.00 |
| U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10) | 100 | White | MC512PA | 1SNK149012R0000 | | 1 | 10.00 |



1SNK160005S0201 - Rev. A

MC612

HTP500-V2

# MC612 terminal block markers

## Description

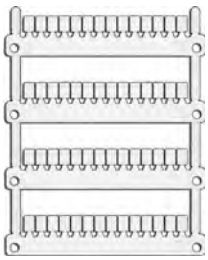
- MC612 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions mm | Dimensions inches |
|---|---|---|---|---|---|---|---|
| Polycarbonate | V0 | Horizontal | 3 | Vertical | 8 | 5.6 x 12 | 0.220 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 39 | White | MC612 | 1SNK150000R0000 | | 22 | 10.00 |
| | | Yellow | MC612-YL | 1SNK150004R0000 | | 22 | 10.00 |



MG-CPM-13

MG3 KIT

# MG-CPM-13 terminal block markers

## Description

- MG-CPM-13 41791 and 41741 markers are used for marking 6 mm 0.236 in spacing SNK terminal blocks,
- Provide an elevate mechanical robustness, high dimensional stability and are halogen free,
- Single application on terminal block,
- 35 cards per packing.

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions mm | Dimensions inches |
|---|---|---|---|---|---|---|---|
| Polycarbonate | V0 | Horizontal | 3 | Vertical | 8 | 5.6 x 12 | 0.236 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part number | | Pkg marker | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 48 | White | MG-CPM 13 41791 | 1SNB041791R0612 | | 1680 | 0.273 |
| | | Yellow | MG-CPM 13 41741 | 1SNB041741R0612 | | 1680 | 0.273 |

## Marking systems

| Description | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Thermal transfer printer | MG3 KIT | 1SNB419001R0000 | | 1 | 12600.00 |

## Marking systems accessories

| Description | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Support plate for MG-CPM-13 | MG2-ETB 991016 | 1SNB991016R0000 | | 1 | 100.00 |

MC612

AMS 600

# MC612PA terminal block markers

## Description

- MC612PA marker card in polyamide to be marked on AMS 600 marking table for medium scale volumes and standard industrial applications,
- Terminal blocks are directly independent after strip mounting,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in).

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions | |
|---|---|---|---|---|---|---|---|
| | | | | | | mm | inches |
| Polyamide | V2 | Horizontal | 3 | Vertical | 8 | 5.6 x 12 | 0.220 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 100 | White ☐ | MC612PA | 1SNK159999R0000 | | 20 | 11.00 |

## Marking systems

| Description | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| AMS plotter | AMS 600 KIT | 1SNA360000R2400 | | 1 | 12600.00 |

## Marking systems accessories

| Description | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Marking support plate for MC PA marker cards (3 MC PA marker cards per plate) | SPRC 30-3 | 1SNA360039R1700 | | 1 | 300.00 |



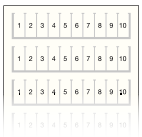
1SNK160077S0201

# MC612PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly



MC612PA



**6 mm** 0.236 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

| Material | Flammability | Dimensions mm | Dimensions inches |
|---|---|---|---|
| Polyamide | V2 | 5.6 x 12 | 0.220 x 0.472 |

### Ordering details

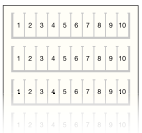
| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 0->9 (x10) | 100 | White ☐ | MC612PA | 1SNK150091R0000 | | 1 | 11.00 |
| 1->10 (x10) | 100 | White ☐ | MC612PA | 1SNK150011R0000 | | 1 | 11.00 |
| 11->20 (x10) | 100 | White ☐ | MC612PA | 1SNK150021R0000 | | 1 | 11.00 |
| 21->30 (x10) | 100 | White ☐ | MC612PA | 1SNK150031R0000 | | 1 | 11.00 |
| 31->40 (x10) | 100 | White ☐ | MC612PA | 1SNK150041R0000 | | 1 | 11.00 |
| 41->50 (x10) | 100 | White ☐ | MC612PA | 1SNK150051R0000 | | 1 | 11.00 |
| 51->60 (x10) | 100 | White ☐ | MC612PA | 1SNK150061R0000 | | 1 | 11.00 |
| 61->70 (x10) | 100 | White ☐ | MC612PA | 1SNK150071R0000 | | 1 | 11.00 |
| 71->80 (x10) | 100 | White ☐ | MC612PA | 1SNK150081R0000 | | 1 | 11.00 |
| 81->90 (x10) | 100 | White ☐ | MC612PA | 1SNK150083R0000 | | 1 | 11.00 |
| 91->100 (x10) | 100 | White ☐ | MC612PA | 1SNK150101R0000 | | 1 | 11.00 |
| 101->110 (x10) | 100 | White ☐ | MC612PA | 1SNK150111R0000 | | 1 | 11.00 |
| 111->120 (x10) | 100 | White ☐ | MC612PA | 1SNK150121R0000 | | 1 | 11.00 |
| 121->130 (x10) | 100 | White ☐ | MC612PA | 1SNK150131R0000 | | 1 | 11.00 |
| 131->140 (x10) | 100 | White ☐ | MC612PA | 1SNK150141R0000 | | 1 | 11.00 |
| 141->150 (x10) | 100 | White ☐ | MC612PA | 1SNK150151R0000 | | 1 | 11.00 |
| 151->160 (x10) | 100 | White ☐ | MC612PA | 1SNK150161R0000 | | 1 | 11.00 |
| 161->170 (x10) | 100 | White ☐ | MC612PA | 1SNK150171R0000 | | 1 | 11.00 |
| 171->180 (x10) | 100 | White ☐ | MC612PA | 1SNK150181R0000 | | 1 | 11.00 |
| 181->190 (x10) | 100 | White ☐ | MC612PA | 1SNK150191R0000 | | 1 | 11.00 |
| 191->200 (x10) | 100 | White ☐ | MC612PA | 1SNK150201R0000 | | 1 | 11.00 |
| 1->100 | 100 | White ☐ | MC612PA | 1SNK155011R0000 | | 1 | 11.00 |
| 101->200 | 100 | White ☐ | MC612PA | 1SNK155021R0000 | | 1 | 11.00 |
| 201->300 | 100 | White ☐ | MC612PA | 1SNK155031R0000 | | 1 | 11.00 |
| 301->400 | 100 | White ☐ | MC612PA | 1SNK155041R0000 | | 1 | 11.00 |
| 401->500 | 100 | White ☐ | MC612PA | 1SNK155051R0000 | | 1 | 11.00 |
| 501->600 | 100 | White ☐ | MC612PA | 1SNK155061R0000 | | 1 | 11.00 |
| 601->700 | 100 | White ☐ | MC612PA | 1SNK155071R0000 | | 1 | 11.00 |
| 701->800 | 100 | White ☐ | MC612PA | 1SNK155081R0000 | | 1 | 11.00 |
| 801->900 | 100 | White ☐ | MC612PA | 1SNK155091R0000 | | 1 | 11.00 |
| A (x100) | 100 | White ☐ | MC612PA | 1SNK156011R0000 | | 1 | 11.00 |
| B (x100) | 100 | White ☐ | MC612PA | 1SNK156021R0000 | | 1 | 11.00 |
| C (x100) | 100 | White ☐ | MC612PA | 1SNK156031R0000 | | 1 | 11.00 |
| D (x100) | 100 | White ☐ | MC612PA | 1SNK156041R0000 | | 1 | 11.00 |
| E (x100) | 100 | White ☐ | MC612PA | 1SNK156051R0000 | | 1 | 11.00 |
| F (x100) | 100 | White ☐ | MC612PA | 1SNK156061R0000 | | 1 | 11.00 |
| G (x100) | 100 | White ☐ | MC612PA | 1SNK156071R0000 | | 1 | 11.00 |
| H (x100) | 100 | White ☐ | MC612PA | 1SNK156081R0000 | | 1 | 11.00 |
| I (x100) | 100 | White ☐ | MC612PA | 1SNK156091R0000 | | 1 | 11.00 |
| J (x100) | 100 | White ☐ | MC612PA | 1SNK156101R0000 | | 1 | 11.00 |
| K (x100) | 100 | White ☐ | MC612PA | 1SNK156111R0000 | | 1 | 11.00 |
| L (x100) | 100 | White ☐ | MC612PA | 1SNK156121R0000 | | 1 | 11.00 |
| M (x100) | 100 | White ☐ | MC612PA | 1SNK156131R0000 | | 1 | 11.00 |
| N (x100) | 100 | White ☐ | MC612PA | 1SNK156141R0000 | | 1 | 11.00 |
| O (x100) | 100 | White ☐ | MC612PA | 1SNK156151R0000 | | 1 | 11.00 |
| P (x100) | 100 | White ☐ | MC612PA | 1SNK156161R0000 | | 1 | 11.00 |
| Q (x100) | 100 | White ☐ | MC612PA | 1SNK156171R0000 | | 1 | 11.00 |
| R (x100) | 100 | White ☐ | MC612PA | 1SNK156181R0000 | | 1 | 11.00 |
| S (x100) | 100 | White ☐ | MC612PA | 1SNK156191R0000 | | 1 | 11.00 |
| T (x100) | 100 | White ☐ | MC612PA | 1SNK156201R0000 | | 1 | 11.00 |
| U (x100) | 100 | White ☐ | MC612PA | 1SNK156211R0000 | | 1 | 11.00 |
| V (x100) | 100 | White ☐ | MC612PA | 1SNK156221R0000 | | 1 | 11.00 |
| W (x100) | 100 | White ☐ | MC612PA | 1SNK156231R0000 | | 1 | 11.00 |

Continue on next page →

# MC612PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly

MC612PA



**6 mm** 0.236 in spacing

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| ← Continuation of previous page | | | | | | | |
| X (x100) | 100 | White ☐ | MC612PA | 1SNK156241R0000 | | 1 | 11.00 |
| Y (x100) | 100 | White ☐ | MC612PA | 1SNK156251R0000 | | 1 | 11.00 |
| Z (x100) | 100 | White ☐ | MC612PA | 1SNK156261R0000 | | 1 | 11.00 |
| 0 (x100) | 100 | White ☐ | MC612PA | 1SNK157001R0000 | | 1 | 11.00 |
| 1 (x100) | 100 | White ☐ | MC612PA | 1SNK157011R0000 | | 1 | 11.00 |
| 2 (x100) | 100 | White ☐ | MC612PA | 1SNK157021R0000 | | 1 | 11.00 |
| 3 (x100) | 100 | White ☐ | MC612PA | 1SNK157031R0000 | | 1 | 11.00 |
| 4 (x100) | 100 | White ☐ | MC612PA | 1SNK157041R0000 | | 1 | 11.00 |
| 5 (x100) | 100 | White ☐ | MC612PA | 1SNK157051R0000 | | 1 | 11.00 |
| 6 (x100) | 100 | White ☐ | MC612PA | 1SNK157061R0000 | | 1 | 11.00 |
| 7 (x100) | 100 | White ☐ | MC612PA | 1SNK157071R0000 | | 1 | 11.00 |
| 8 (x100) | 100 | White ☐ | MC612PA | 1SNK157081R0000 | | 1 | 11.00 |
| 9 (x100) | 100 | White ☐ | MC612PA | 1SNK157091R0000 | | 1 | 11.00 |
| + (x100) | 100 | White ☐ | MC612PA | 1SNK158001R0000 | | 1 | 11.00 |
| - (x100) | 100 | White ☐ | MC612PA | 1SNK158011R0000 | | 1 | 11.00 |
| ~ (x100) | 100 | White ☐ | MC612PA | 1SNK158021R0000 | | 1 | 11.00 |
| = (x100) | 100 | White ☐ | MC612PA | 1SNK158031R0000 | | 1 | 11.00 |
| Ground (x100) | 100 | White ☐ | MC612PA | 1SNK158041R0000 | | 1 | 11.00 |
| L1 (x100) | 100 | White ☐ | MC612PA | 1SNK158051R0000 | | 1 | 11.00 |
| L2 (x100) | 100 | White ☐ | MC612PA | 1SNK158061R0000 | | 1 | 11.00 |
| L3 (x100) | 100 | White ☐ | MC612PA | 1SNK158071R0000 | | 1 | 11.00 |
| PE (x100) | 100 | White ☐ | MC612PA | 1SNK158091R0000 | | 1 | 11.00 |
| U1 (x100) | 100 | White ☐ | MC612PA | 1SNK158101R0000 | | 1 | 11.00 |
| U2 (x100) | 100 | White ☐ | MC612PA | 1SNK158111R0000 | | 1 | 11.00 |
| U3 (x100) | 100 | White ☐ | MC612PA | 1SNK158121R0000 | | 1 | 11.00 |
| V1 (x100) | 100 | White ☐ | MC612PA | 1SNK158131R0000 | | 1 | 11.00 |
| V2 (x100) | 100 | White ☐ | MC612PA | 1SNK158141R0000 | | 1 | 11.00 |
| V3 (x100) | 100 | White ☐ | MC612PA | 1SNK158151R0000 | | 1 | 11.00 |
| W1 (x100) | 100 | White ☐ | MC612PA | 1SNK158161R0000 | | 1 | 11.00 |
| W2 (x100) | 100 | White ☐ | MC612PA | 1SNK158171R0000 | | 1 | 11.00 |
| W3 (x100) | 100 | White ☐ | MC612PA | 1SNK158181R0000 | | 1 | 11.00 |
| L1-L2-L3-N-PE (x20) | 100 | White ☐ | MC612PA | 1SNK159001R0000 | | 1 | 11.00 |
| U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10) | 100 | White ☐ | MC612PA | 1SNK159011R0000 | | 1 | 11.00 |



1SNK160007S0201 - Rev. A

# MC612PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly

MC612PA

**6 mm** 0.236 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

| Material | Flammability | Dimensions mm | Dimensions inches |
|---|---|---|---|
| Polyamide | V2 | 5.6 x 12 | 0.220 x 0.472 |

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 0->9 (x10) | 100 | White | MC612PA | 1SNK150092R0000 | 1 | 11.00 |
| 1->10 (x10) | 100 | White | MC612PA | 1SNK150012R0000 | 1 | 11.00 |
| 11->20 (x10) | 100 | White | MC612PA | 1SNK150022R0000 | 1 | 11.00 |
| 21->30 (x10) | 100 | White | MC612PA | 1SNK150032R0000 | 1 | 11.00 |
| 31->40 (x10) | 100 | White | MC612PA | 1SNK150042R0000 | 1 | 11.00 |
| 41->50 (x10) | 100 | White | MC612PA | 1SNK150052R0000 | 1 | 11.00 |
| 51->60 (x10) | 100 | White | MC612PA | 1SNK150062R0000 | 1 | 11.00 |
| 61->70 (x10) | 100 | White | MC612PA | 1SNK150072R0000 | 1 | 11.00 |
| 71->80 (x10) | 100 | White | MC612PA | 1SNK150082R0000 | 1 | 11.00 |
| 81->90 (x10) | 100 | White | MC612PA | 1SNK150084R0000 | 1 | 11.00 |
| 91->100 (x10) | 100 | White | MC612PA | 1SNK150102R0000 | 1 | 11.00 |
| 101->110 (x10) | 100 | White | MC612PA | 1SNK150112R0000 | 1 | 11.00 |
| 111->120 (x10) | 100 | White | MC612PA | 1SNK150122R0000 | 1 | 11.00 |
| 121->130 (x10) | 100 | White | MC612PA | 1SNK150132R0000 | 1 | 11.00 |
| 131->140 (x10) | 100 | White | MC612PA | 1SNK150142R0000 | 1 | 11.00 |
| 141->150 (x10) | 100 | White | MC612PA | 1SNK150152R0000 | 1 | 11.00 |
| 151->160 (x10) | 100 | White | MC612PA | 1SNK150162R0000 | 1 | 11.00 |
| 161->170 (x10) | 100 | White | MC612PA | 1SNK150172R0000 | 1 | 11.00 |
| 171->180 (x10) | 100 | White | MC612PA | 1SNK150182R0000 | 1 | 11.00 |
| 181->190 (x10) | 100 | White | MC612PA | 1SNK150192R0000 | 1 | 11.00 |
| 191->200 (x10) | 100 | White | MC612PA | 1SNK150202R0000 | 1 | 11.00 |
| 1->100 | 100 | White | MC612PA | 1SNK155012R0000 | 1 | 11.00 |
| 101->200 | 100 | White | MC612PA | 1SNK155022R0000 | 1 | 11.00 |
| 201->300 | 100 | White | MC612PA | 1SNK155032R0000 | 1 | 11.00 |
| 301->400 | 100 | White | MC612PA | 1SNK155042R0000 | 1 | 11.00 |
| 401->500 | 100 | White | MC612PA | 1SNK155052R0000 | 1 | 11.00 |
| 501->600 | 100 | White | MC612PA | 1SNK155062R0000 | 1 | 11.00 |
| 601->700 | 100 | White | MC612PA | 1SNK155072R0000 | 1 | 11.00 |
| 701->800 | 100 | White | MC612PA | 1SNK155082R0000 | 1 | 11.00 |
| 801->900 | 100 | White | MC612PA | 1SNK155092R0000 | 1 | 11.00 |
| 901->1000 | 100 | White | MC612PA | 1SNK155102R0000 | 1 | 11.00 |
| A (x100) | 100 | White | MC612PA | 1SNK156012R0000 | 1 | 11.00 |
| B (x100) | 100 | White | MC612PA | 1SNK156022R0000 | 1 | 11.00 |
| C (x100) | 100 | White | MC612PA | 1SNK156032R0000 | 1 | 11.00 |
| D (x100) | 100 | White | MC612PA | 1SNK156042R0000 | 1 | 11.00 |
| E (x100) | 100 | White | MC612PA | 1SNK156052R0000 | 1 | 11.00 |
| F (x100) | 100 | White | MC612PA | 1SNK156062R0000 | 1 | 11.00 |
| G (x100) | 100 | White | MC612PA | 1SNK156072R0000 | 1 | 11.00 |
| H (x100) | 100 | White | MC612PA | 1SNK156082R0000 | 1 | 11.00 |
| I (x100) | 100 | White | MC612PA | 1SNK156092R0000 | 1 | 11.00 |
| J (x100) | 100 | White | MC612PA | 1SNK156102R0000 | 1 | 11.00 |
| K (x100) | 100 | White | MC612PA | 1SNK156112R0000 | 1 | 11.00 |
| L (x100) | 100 | White | MC612PA | 1SNK156122R0000 | 1 | 11.00 |
| M (x100) | 100 | White | MC612PA | 1SNK156132R0000 | 1 | 11.00 |
| N (x100) | 100 | White | MC612PA | 1SNK156142R0000 | 1 | 11.00 |
| O (x100) | 100 | White | MC612PA | 1SNK156152R0000 | 1 | 11.00 |
| P (x100) | 100 | White | MC612PA | 1SNK156162R0000 | 1 | 11.00 |
| Q (x100) | 100 | White | MC612PA | 1SNK156172R0000 | 1 | 11.00 |
| R (x100) | 100 | White | MC612PA | 1SNK156182R0000 | 1 | 11.00 |
| S (x100) | 100 | White | MC612PA | 1SNK156192R0000 | 1 | 11.00 |
| T (x100) | 100 | White | MC612PA | 1SNK156202R0000 | 1 | 11.00 |
| U (x100) | 100 | White | MC612PA | 1SNK156212R0000 | 1 | 11.00 |
| V (x100) | 100 | White | MC612PA | 1SNK156222R0000 | 1 | 11.00 |
| W (x100) | 100 | White | MC612PA | 1SNK156232R0000 | 1 | 11.00 |
| X (x100) | 100 | White | MC612PA | 1SNK156242R0000 | 1 | 11.00 |

Continue on next page →

# MC612PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly

MC612PA

**6 mm** 0.236 in spacing

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| ← Continuation of previous page | | | | | | | |
| Y (x100) | 100 | White | MC612PA | 1SNK156252R0000 | | 1 | 11.00 |
| Z (x100) | 100 | White | MC612PA | 1SNK156262R0000 | | 1 | 11.00 |
| 0 (x100) | 100 | White | MC612PA | 1SNK157002R0000 | | 1 | 11.00 |
| 1 (x100) | 100 | White | MC612PA | 1SNK157012R0000 | | 1 | 11.00 |
| 2 (x100) | 100 | White | MC612PA | 1SNK157022R0000 | | 1 | 11.00 |
| 3 (x100) | 100 | White | MC612PA | 1SNK157032R0000 | | 1 | 11.00 |
| 4 (x100) | 100 | White | MC612PA | 1SNK157042R0000 | | 1 | 11.00 |
| 5 (x100) | 100 | White | MC612PA | 1SNK157052R0000 | | 1 | 11.00 |
| 6 (x100) | 100 | White | MC612PA | 1SNK157062R0000 | | 1 | 11.00 |
| 7 (x100) | 100 | White | MC612PA | 1SNK157072R0000 | | 1 | 11.00 |
| 8 (x100) | 100 | White | MC612PA | 1SNK157082R0000 | | 1 | 11.00 |
| 9 (x100) | 100 | White | MC612PA | 1SNK157092R0000 | | 1 | 11.00 |
| + (x100) | 100 | White | MC612PA | 1SNK158002R0000 | | 1 | 11.00 |
| - (x100) | 100 | White | MC612PA | 1SNK158012R0000 | | 1 | 11.00 |
| ~ (x100) | 100 | White | MC612PA | 1SNK158022R0000 | | 1 | 11.00 |
| = (x100) | 100 | White | MC612PA | 1SNK158032R0000 | | 1 | 11.00 |
| ⏚ (x100) | 100 | White | MC612PA | 1SNK158042R0000 | | 1 | 11.00 |
| L1 (x100) | 100 | White | MC612PA | 1SNK158052R0000 | | 1 | 11.00 |
| L2 (x100) | 100 | White | MC612PA | 1SNK158062R0000 | | 1 | 11.00 |
| L3 (x100) | 100 | White | MC612PA | 1SNK158072R0000 | | 1 | 11.00 |
| PE (x100) | 100 | White | MC612PA | 1SNK158092R0000 | | 1 | 11.00 |
| U1 (x100) | 100 | White | MC612PA | 1SNK158102R0000 | | 1 | 11.00 |
| U2 (x100) | 100 | White | MC612PA | 1SNK158112R0000 | | 1 | 11.00 |
| U3 (x100) | 100 | White | MC612PA | 1SNK158122R0000 | | 1 | 11.00 |
| V1 (x100) | 100 | White | MC612PA | 1SNK158132R0000 | | 1 | 11.00 |
| V2 (x100) | 100 | White | MC612PA | 1SNK158142R0000 | | 1 | 11.00 |
| V3 (x100) | 100 | White | MC612PA | 1SNK158152R0000 | | 1 | 11.00 |
| W1 (x100) | 100 | White | MC612PA | 1SNK158162R0000 | | 1 | 11.00 |
| W2 (x100) | 100 | White | MC612PA | 1SNK158172R0000 | | 1 | 11.00 |
| W3 (x100) | 100 | White | MC612PA | 1SNK158182R0000 | | 1 | 11.00 |
| +24V (x100) | 100 | White | MC612PA | 1SNK158192R0000 | | 1 | 11.00 |
| +48V (x100) | 100 | White | MC612PA | 1SNK158202R0000 | | 1 | 11.00 |
| - 24V (x100) | 100 | White | MC612PA | 1SNK158212R0000 | | 1 | 11.00 |
| -48V (x100) | 100 | White | MC612PA | 1SNK158222R0000 | | 1 | 11.00 |
| L1-L2-L3-N-PE (x20) | 100 | White | MC612PA | 1SNK159002R0000 | | 1 | 11.00 |
| U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10) | 100 | White | MC612PA | 1SNK159012R0000 | | 1 | 11.00 |



1SNK160008S0201 - Rev. A

MC812

HTP500-V2

# MC812 terminal block markers

## Description

- MC812 marker card in polycarbonate for high marking quality, durability and speed when marked with the HTP500 printer,
- Excellent marking durability in the most severe environments,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in)

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions | |
|---|---|---|---|---|---|---|---|
| | | | | | | mm | inches |
| Polycarbonate | V0 | Horizontal | 4 | Vertical | 8 | 7.6 x 12 | 0.299 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 30 | White | MC812 | 1SNK160000R0000 | | 22 | 10.00 |
| | | Yellow | MC812-YL | 1SNK160004R0000 | | 22 | 10.00 |

MC812PA

AMS 600

# MC812PA terminal block markers

## Description

- MC812PA marker card in polyamide to be marked on AMS 600 marking table for medium scale volumes and standard industrial applications,
- Terminal blocks are directly independent after strip mounting,
- Improved marking visibility thanks to the increased marking surface +20% (12 mm 0.472 in)

## Main technical data

| Material | Flammability | Maximum printed digits | | | | Dimensions | |
|---|---|---|---|---|---|---|---|
| | | | | | | mm | inches |
| Polyamide | V2 | Horizontal | 3 | Vertical | 8 | 7.6 x 12 | 0.299 x 0.472 |

## Ordering details

| Description | Number of markers per card | Color | Type | Part number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Blank card | 100 | White | MC812PA | 1SNK169999R0000 | | 20 | 14.00 |

## Marking systems

| Description | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| AMS plotter | AMS 600 KIT | 1SNA360000R2400 | | 1 | 12600.00 |

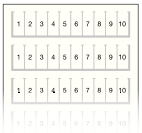
## Marking systems accessories

| Description | Type | Part number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|
| Marking support plate for MC PA marker cards (3 MC PA marker cards per plate) | SPRC 30-3 | 1SNA360039R1700 | | 1 | 300.00 |

# MC812PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly

MC812PA



**8 mm** 0.315 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

| Material | Flammability | Dimensions mm | Dimensions inches |
|---|---|---|---|
| Polyamide | V2 | 7.6 x 12 | 0.299 x 0.472 |

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| 0->9 (x10) | 100 | White | MC812PA | 1SNK160091R0000 | | 1 | 14.00 |
| 1->10 (x10) | 100 | White | MC812PA | 1SNK160011R0000 | | 1 | 14.00 |
| 11->20 (x10) | 100 | White | MC812PA | 1SNK160021R0000 | | 1 | 14.00 |
| 21->30 (x10) | 100 | White | MC812PA | 1SNK160031R0000 | | 1 | 14.00 |
| 31->40 (x10) | 100 | White | MC812PA | 1SNK160041R0000 | | 1 | 14.00 |
| 41->50 (x10) | 100 | White | MC812PA | 1SNK160051R0000 | | 1 | 14.00 |
| 51->60 (x10) | 100 | White | MC812PA | 1SNK160061R0000 | | 1 | 14.00 |
| 61->70 (x10) | 100 | White | MC812PA | 1SNK160071R0000 | | 1 | 14.00 |
| 71->80 (x10) | 100 | White | MC812PA | 1SNK160081R0000 | | 1 | 14.00 |
| 81->90 (x10) | 100 | White | MC812PA | 1SNK160083R0000 | | 1 | 14.00 |
| 91->100 (x10) | 100 | White | MC812PA | 1SNK160101R0000 | | 1 | 14.00 |
| 101->110 (x10) | 100 | White | MC812PA | 1SNK160111R0000 | | 1 | 14.00 |
| 111->120 (x10) | 100 | White | MC812PA | 1SNK160121R0000 | | 1 | 14.00 |
| 121->130 (x10) | 100 | White | MC812PA | 1SNK160131R0000 | | 1 | 14.00 |
| 131->140 (x10) | 100 | White | MC812PA | 1SNK160141R0000 | | 1 | 14.00 |
| 141->150 (x10) | 100 | White | MC812PA | 1SNK160151R0000 | | 1 | 14.00 |
| 151->160 (x10) | 100 | White | MC812PA | 1SNK160161R0000 | | 1 | 14.00 |
| 161->170 (x10) | 100 | White | MC812PA | 1SNK160171R0000 | | 1 | 14.00 |
| 171->180 (x10) | 100 | White | MC812PA | 1SNK160181R0000 | | 1 | 14.00 |
| 181->190 (x10) | 100 | White | MC812PA | 1SNK160191R0000 | | 1 | 14.00 |
| 191->200 (x10) | 100 | White | MC812PA | 1SNK160201R0000 | | 1 | 14.00 |
| 1->100 | 100 | White | MC812PA | 1SNK165011R0000 | | 1 | 14.00 |
| 101->200 | 100 | White | MC812PA | 1SNK165021R0000 | | 1 | 14.00 |
| 201->300 | 100 | White | MC812PA | 1SNK165031R0000 | | 1 | 14.00 |
| 301->400 | 100 | White | MC812PA | 1SNK165041R0000 | | 1 | 14.00 |
| 401->500 | 100 | White | MC812PA | 1SNK165051R0000 | | 1 | 14.00 |
| 501->600 | 100 | White | MC812PA | 1SNK165061R0000 | | 1 | 14.00 |
| 601->700 | 100 | White | MC812PA | 1SNK165071R0000 | | 1 | 14.00 |
| 701->800 | 100 | White | MC812PA | 1SNK165081R0000 | | 1 | 14.00 |
| 801->900 | 100 | White | MC812PA | 1SNK165091R0000 | | 1 | 14.00 |
| A (x100) | 100 | White | MC812PA | 1SNK166011R0000 | | 1 | 14.00 |
| B (x100) | 100 | White | MC812PA | 1SNK166021R0000 | | 1 | 14.00 |
| C (x100) | 100 | White | MC812PA | 1SNK166031R0000 | | 1 | 14.00 |
| D (x100) | 100 | White | MC812PA | 1SNK166041R0000 | | 1 | 14.00 |
| E (x100) | 100 | White | MC812PA | 1SNK166051R0000 | | 1 | 14.00 |
| F (x100) | 100 | White | MC812PA | 1SNK166061R0000 | | 1 | 14.00 |
| G (x100) | 100 | White | MC812PA | 1SNK166071R0000 | | 1 | 14.00 |
| H (x100) | 100 | White | MC812PA | 1SNK166081R0000 | | 1 | 14.00 |
| I (x100) | 100 | White | MC812PA | 1SNK166091R0000 | | 1 | 14.00 |
| J (x100) | 100 | White | MC812PA | 1SNK166101R0000 | | 1 | 14.00 |
| K (x100) | 100 | White | MC812PA | 1SNK166111R0000 | | 1 | 14.00 |
| L (x100) | 100 | White | MC812PA | 1SNK166121R0000 | | 1 | 14.00 |
| M (x100) | 100 | White | MC812PA | 1SNK166131R0000 | | 1 | 14.00 |
| N (x100) | 100 | White | MC812PA | 1SNK166141R0000 | | 1 | 14.00 |
| O (x100) | 100 | White | MC812PA | 1SNK166151R0000 | | 1 | 14.00 |
| P (x100) | 100 | White | MC812PA | 1SNK166161R0000 | | 1 | 14.00 |
| Q (x100) | 100 | White | MC812PA | 1SNK166171R0000 | | 1 | 14.00 |
| R (x100) | 100 | White | MC812PA | 1SNK166181R0000 | | 1 | 14.00 |
| S (x100) | 100 | White | MC812PA | 1SNK166191R0000 | | 1 | 14.00 |
| T (x100) | 100 | White | MC812PA | 1SNK166201R0000 | | 1 | 14.00 |
| U (x100) | 100 | White | MC812PA | 1SNK166211R0000 | | 1 | 14.00 |
| V (x100) | 100 | White | MC812PA | 1SNK166221R0000 | | 1 | 14.00 |

Continue on next page →

# MC812PA terminal block markers

## Pre-printed marker card for horizontal terminal block assembly

MC812PA

**8 mm** 0.315 in spacing

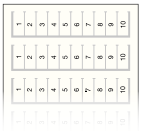
### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| ← Continuation of previous page | | | | | | | |
| W (x100) | 100 | White ☐ | MC812PA | 1SNK166231R0000 | | 1 | 14.00 |
| X (x100) | 100 | White ☐ | MC812PA | 1SNK166241R0000 | | 1 | 14.00 |
| Y (x100) | 100 | White ☐ | MC812PA | 1SNK166251R0000 | | 1 | 14.00 |
| Z (x100) | 100 | White ☐ | MC812PA | 1SNK166261R0000 | | 1 | 14.00 |
| 0 (x100) | 100 | White ☐ | MC812PA | 1SNK167001R0000 | | 1 | 14.00 |
| 1 (x100) | 100 | White ☐ | MC812PA | 1SNK167011R0000 | | 1 | 14.00 |
| 2 (x100) | 100 | White ☐ | MC812PA | 1SNK167021R0000 | | 1 | 14.00 |
| 3 (x100) | 100 | White ☐ | MC812PA | 1SNK167031R0000 | | 1 | 14.00 |
| 4 (x100) | 100 | White ☐ | MC812PA | 1SNK167041R0000 | | 1 | 14.00 |
| 5 (x100) | 100 | White ☐ | MC812PA | 1SNK167051R0000 | | 1 | 14.00 |
| 6 (x100) | 100 | White ☐ | MC812PA | 1SNK167061R0000 | | 1 | 14.00 |
| 7 (x100) | 100 | White ☐ | MC812PA | 1SNK167071R0000 | | 1 | 14.00 |
| 8 (x100) | 100 | White ☐ | MC812PA | 1SNK167081R0000 | | 1 | 14.00 |
| 9 (x100) | 100 | White ☐ | MC812PA | 1SNK167091R0000 | | 1 | 14.00 |
| + (x100) | 100 | White ☐ | MC812PA | 1SNK168001R0000 | | 1 | 14.00 |
| - (x100) | 100 | White ☐ | MC812PA | 1SNK168011R0000 | | 1 | 14.00 |
| ~ (x100) | 100 | White ☐ | MC812PA | 1SNK168021R0000 | | 1 | 14.00 |
| = (x100) | 100 | White ☐ | MC812PA | 1SNK168031R0000 | | 1 | 14.00 |
| ⏚ (x100) | 100 | White ☐ | MC812PA | 1SNK168041R0000 | | 1 | 14.00 |
| L1 (x100) | 100 | White ☐ | MC812PA | 1SNK168051R0000 | | 1 | 14.00 |
| L2 (x100) | 100 | White ☐ | MC812PA | 1SNK168061R0000 | | 1 | 14.00 |
| L3 (x100) | 100 | White ☐ | MC812PA | 1SNK168071R0000 | | 1 | 14.00 |
| PE (x100) | 100 | White ☐ | MC812PA | 1SNK168091R0000 | | 1 | 14.00 |
| U1 (x100) | 100 | White ☐ | MC812PA | 1SNK168101R0000 | | 1 | 14.00 |
| U2 (x100) | 100 | White ☐ | MC812PA | 1SNK168111R0000 | | 1 | 14.00 |
| U3 (x100) | 100 | White ☐ | MC812PA | 1SNK168121R0000 | | 1 | 14.00 |
| V1 (x100) | 100 | White ☐ | MC812PA | 1SNK168131R0000 | | 1 | 14.00 |
| V2 (x100) | 100 | White ☐ | MC812PA | 1SNK168141R0000 | | 1 | 14.00 |
| V3 (x100) | 100 | White ☐ | MC812PA | 1SNK168151R0000 | | 1 | 14.00 |
| W1 (x100) | 100 | White ☐ | MC812PA | 1SNK168161R0000 | | 1 | 14.00 |
| W2 (x100) | 100 | White ☐ | MC812PA | 1SNK168171R0000 | | 1 | 14.00 |
| W3 (x100) | 100 | White ☐ | MC812PA | 1SNK168181R0000 | | 1 | 14.00 |
| L1-L2-L3-N-PE (x20) | 100 | White ☐ | MC812PA | 1SNK169001R0000 | | 1 | 14.00 |
| U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10) | 100 | White ☐ | MC812PA | 1SNK169011R0000 | | 1 | 14.00 |

# MC812PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly

MC812PA



**8 mm** 0.315 in spacing

### Description

Save printing time with our large pre-printed cards offer with pre-printed numbers, letters or symbols.

### Main technical data

| Material | Flammability | Dimensions mm | Dimensions inches |
|---|---|---|---|
| Polyamide | V2 | 7.6 x 12 | 0.299 x 0.472 |

### Ordering details

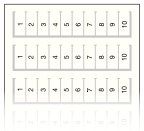
| Description | Number of markers per card | Color | Type | Part Number | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 0->9 (x10) | 100 | White | MC812PA | 1SNK160092R0000 | 1 | 14.00 |
| 1->10 (x10) | 100 | White | MC812PA | 1SNK160012R0000 | 1 | 14.00 |
| 11->20 (x10) | 100 | White | MC812PA | 1SNK160022R0000 | 1 | 14.00 |
| 21->30 (x10) | 100 | White | MC812PA | 1SNK160032R0000 | 1 | 14.00 |
| 31->40 (x10) | 100 | White | MC812PA | 1SNK160042R0000 | 1 | 14.00 |
| 41->50 (x10) | 100 | White | MC812PA | 1SNK160052R0000 | 1 | 14.00 |
| 51->60 (x10) | 100 | White | MC812PA | 1SNK160062R0000 | 1 | 14.00 |
| 61->70 (x10) | 100 | White | MC812PA | 1SNK160072R0000 | 1 | 14.00 |
| 71->80 (x10) | 100 | White | MC812PA | 1SNK160082R0000 | 1 | 14.00 |
| 81->90 (x10) | 100 | White | MC812PA | 1SNK160084R0000 | 1 | 14.00 |
| 91->100 (x10) | 100 | White | MC812PA | 1SNK160102R0000 | 1 | 14.00 |
| 101->110 (x10) | 100 | White | MC812PA | 1SNK160112R0000 | 1 | 14.00 |
| 111->120 (x10) | 100 | White | MC812PA | 1SNK160122R0000 | 1 | 14.00 |
| 121->130 (x10) | 100 | White | MC812PA | 1SNK160132R0000 | 1 | 14.00 |
| 131->140 (x10) | 100 | White | MC812PA | 1SNK160142R0000 | 1 | 14.00 |
| 141->150 (x10) | 100 | White | MC812PA | 1SNK160152R0000 | 1 | 14.00 |
| 151->160 (x10) | 100 | White | MC812PA | 1SNK160162R0000 | 1 | 14.00 |
| 161->170 (x10) | 100 | White | MC812PA | 1SNK160172R0000 | 1 | 14.00 |
| 171->180 (x10) | 100 | White | MC812PA | 1SNK160182R0000 | 1 | 14.00 |
| 181->190 (x10) | 100 | White | MC812PA | 1SNK160192R0000 | 1 | 14.00 |
| 191->200 (x10) | 100 | White | MC812PA | 1SNK160202R0000 | 1 | 14.00 |
| 1->100 | 100 | White | MC812PA | 1SNK165012R0000 | 1 | 14.00 |
| 101->200 | 100 | White | MC812PA | 1SNK165022R0000 | 1 | 14.00 |
| 201->300 | 100 | White | MC812PA | 1SNK165032R0000 | 1 | 14.00 |
| 301->400 | 100 | White | MC812PA | 1SNK165042R0000 | 1 | 14.00 |
| 401->500 | 100 | White | MC812PA | 1SNK165052R0000 | 1 | 14.00 |
| 501->600 | 100 | White | MC812PA | 1SNK165062R0000 | 1 | 14.00 |
| 601->700 | 100 | White | MC812PA | 1SNK165072R0000 | 1 | 14.00 |
| 701->800 | 100 | White | MC812PA | 1SNK165082R0000 | 1 | 14.00 |
| 801->900 | 100 | White | MC812PA | 1SNK165092R0000 | 1 | 14.00 |
| 901->1000 | 100 | White | MC812PA | 1SNK165102R0000 | 1 | 14.00 |
| A (x100) | 100 | White | MC812PA | 1SNK166012R0000 | 1 | 14.00 |
| B (x100) | 100 | White | MC812PA | 1SNK166022R0000 | 1 | 14.00 |
| C (x100) | 100 | White | MC812PA | 1SNK166032R0000 | 1 | 14.00 |
| D (x100) | 100 | White | MC812PA | 1SNK166042R0000 | 1 | 14.00 |
| E (x100) | 100 | White | MC812PA | 1SNK166052R0000 | 1 | 14.00 |
| F (x100) | 100 | White | MC812PA | 1SNK166062R0000 | 1 | 14.00 |
| G (x100) | 100 | White | MC812PA | 1SNK166072R0000 | 1 | 14.00 |
| H (x100) | 100 | White | MC812PA | 1SNK166082R0000 | 1 | 14.00 |
| I (x100) | 100 | White | MC812PA | 1SNK166092R0000 | 1 | 14.00 |
| J (x100) | 100 | White | MC812PA | 1SNK166102R0000 | 1 | 14.00 |
| K (x100) | 100 | White | MC812PA | 1SNK166112R0000 | 1 | 14.00 |
| L (x100) | 100 | White | MC812PA | 1SNK166122R0000 | 1 | 14.00 |
| M (x100) | 100 | White | MC812PA | 1SNK166132R0000 | 1 | 14.00 |
| N (x100) | 100 | White | MC812PA | 1SNK166142R0000 | 1 | 14.00 |
| O (x100) | 100 | White | MC812PA | 1SNK166152R0000 | 1 | 14.00 |
| P (x100) | 100 | White | MC812PA | 1SNK166162R0000 | 1 | 14.00 |
| Q (x100) | 100 | White | MC812PA | 1SNK166172R0000 | 1 | 14.00 |
| R (x100) | 100 | White | MC812PA | 1SNK166182R0000 | 1 | 14.00 |
| S (x100) | 100 | White | MC812PA | 1SNK166192R0000 | 1 | 14.00 |
| T (x100) | 100 | White | MC812PA | 1SNK166202R0000 | 1 | 14.00 |
| U (x100) | 100 | White | MC812PA | 1SNK166212R0000 | 1 | 14.00 |
| V (x100) | 100 | White | MC812PA | 1SNK166222R0000 | 1 | 14.00 |

Continue on next page →

# MC812PA terminal block markers

## Pre-printed marker card for vertical terminal block assembly

MC812PA



**8 mm** 0.315 in spacing

### Ordering details

| Description | Number of markers per card | Color | Type | Part Number | | Pkg card | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| ← Continuation of previous page | | | | | | | |
| W (x100) | 100 | White ☐ | MC812PA | 1SNK166232R0000 | | 1 | 14.00 |
| X (x100) | 100 | White ☐ | MC812PA | 1SNK166242R0000 | | 1 | 14.00 |
| Y (x100) | 100 | White ☐ | MC812PA | 1SNK166252R0000 | | 1 | 14.00 |
| Z (x100) | 100 | White ☐ | MC812PA | 1SNK166262R0000 | | 1 | 14.00 |
| 0 (x100) | 100 | White ☐ | MC812PA | 1SNK167002R0000 | | 1 | 14.00 |
| 1 (x100) | 100 | White ☐ | MC812PA | 1SNK167012R0000 | | 1 | 14.00 |
| 2 (x100) | 100 | White ☐ | MC812PA | 1SNK167022R0000 | | 1 | 14.00 |
| 3 (x100) | 100 | White ☐ | MC812PA | 1SNK167032R0000 | | 1 | 14.00 |
| 4 (x100) | 100 | White ☐ | MC812PA | 1SNK167042R0000 | | 1 | 14.00 |
| 5 (x100) | 100 | White ☐ | MC812PA | 1SNK167052R0000 | | 1 | 14.00 |
| 6 (x100) | 100 | White ☐ | MC812PA | 1SNK167062R0000 | | 1 | 14.00 |
| 7 (x100) | 100 | White ☐ | MC812PA | 1SNK167072R0000 | | 1 | 14.00 |
| 8 (x100) | 100 | White ☐ | MC812PA | 1SNK167082R0000 | | 1 | 14.00 |
| 9 (x100) | 100 | White ☐ | MC812PA | 1SNK167092R0000 | | 1 | 14.00 |
| + (x100) | 100 | White ☐ | MC812PA | 1SNK168002R0000 | | 1 | 14.00 |
| - (x100) | 100 | White ☐ | MC812PA | 1SNK168012R0000 | | 1 | 14.00 |
| ~ (x100) | 100 | White ☐ | MC812PA | 1SNK168022R0000 | | 1 | 14.00 |
| = (x100) | 100 | White ☐ | MC812PA | 1SNK168032R0000 | | 1 | 14.00 |
| ⏚ (x100) | 100 | White ☐ | MC812PA | 1SNK168042R0000 | | 1 | 14.00 |
| L1 (x100) | 100 | White ☐ | MC812PA | 1SNK168052R0000 | | 1 | 14.00 |
| L2 (x100) | 100 | White ☐ | MC812PA | 1SNK168062R0000 | | 1 | 14.00 |
| L3 (x100) | 100 | White ☐ | MC812PA | 1SNK168072R0000 | | 1 | 14.00 |
| PE (x100) | 100 | White ☐ | MC812PA | 1SNK168092R0000 | | 1 | 14.00 |
| U1 (x100) | 100 | White ☐ | MC812PA | 1SNK168102R0000 | | 1 | 14.00 |
| U2 (x100) | 100 | White ☐ | MC812PA | 1SNK168112R0000 | | 1 | 14.00 |
| U3 (x100) | 100 | White ☐ | MC812PA | 1SNK168122R0000 | | 1 | 14.00 |
| V1 (x100) | 100 | White ☐ | MC812PA | 1SNK168132R0000 | | 1 | 14.00 |
| V2 (x100) | 100 | White ☐ | MC812PA | 1SNK168142R0000 | | 1 | 14.00 |
| V3 (x100) | 100 | White ☐ | MC812PA | 1SNK168152R0000 | | 1 | 14.00 |
| W1 (x100) | 100 | White ☐ | MC812PA | 1SNK168162R0000 | | 1 | 14.00 |
| W2 (x100) | 100 | White ☐ | MC812PA | 1SNK168172R0000 | | 1 | 14.00 |
| W3 (x100) | 100 | White ☐ | MC812PA | 1SNK168182R0000 | | 1 | 14.00 |
| +24V (x100) | 100 | White ☐ | MC812PA | 1SNK168192R0000 | | 1 | 14.00 |
| +48V (x100) | 100 | White ☐ | MC812PA | 1SNK168202R0000 | | 1 | 14.00 |
| -24V (x100) | 100 | White ☐ | MC812PA | 1SNK168212R0000 | | 1 | 14.00 |
| -48V (x100) | 100 | White ☐ | MC812PA | 1SNK168222R0000 | | 1 | 14.00 |
| L1-L2-L3-N-PE (x20) | 100 | White ☐ | MC812PA | 1SNK169002R0000 | | 1 | 14.00 |
| U1-U2-U3-V1-V2-V3-W1-W2-W3 (x10) + U1 (x10) | 100 | White ☐ | MC812PA | 1SNK169012R0000 | | 1 | 14.00 |

**5.2 mm** 0.205 in spacing

**Mounting instructions**

Install the UMH on the terminal blocks (strip mounting) and slide on the wire markers.

# UMH universal wire markers holder

## Description

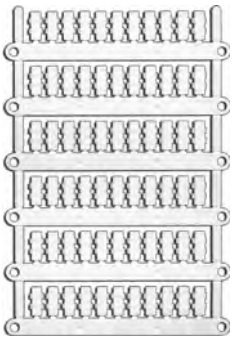
- Compatible with MG2 - TDMO wire markers and most of the wire markers available on the market (wire markers not supplied with UMH);
- Quickly put it on any SNK terminal blocks and accessories: strip mounting of 10 parts for 5.2 mm 0.205 in spacing, unitary mounting for other spacings.

## Ordering details

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 5.2 mm 0.205 in spacing | Grey | UMH | 1SNK900611R0000 | | 10 | 0.20 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Polyamide | |
| | Flammability | V0 | |
| | NF F 16 101 | I2F2 | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | -23 ... +104 °F |



1SNC160118F0014

**MG2-TDMO**

# MG2-TDMO clip-on blank wire marker

## Description

- Rigid Polycarbonate marker to be directly printed and snaped on the wire or the UMH wire marker holder,
- Print with support plate MG2-PTM.

## Main technical data

| Material | Flammability | Temperature range |
|---|---|---|
| PC | V0 | -40°C ... +140°C, - 22°F ... +176°F |

## Ordering details

| Dimensions mm | Dimensions in | Number of markers per card | Color | Type | Part Number | SW code | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|---|---|
| **MG2-TDMO-01** | | | | | | | | | |
| 4 x 12 | 0.157 x 0.472 | 40 | White | MG2-TDMO-01 40390 | 1SNB040390R0412 | 125 | | 880 | 0.30 |
| 4 x 16 | 0.157 x 0.630 | 40 | White | MG2-TDMO-01 40391 | 1SNB040391R0416 | 128 | | 880 | 0.30 |
| 4 x 12 | 0.157 x 0.472 | 40 | Yellow | MG2-TDMO-01 40340 | 1SNB040340R0412 | 125 | | 800 | 0.30 |
| 4 x 16 | 0.157 x 0.630 | 40 | Yellow | MG2-TDMO-01 40341 | 1SNB040341R0416 | 128 | | 800 | 0.30 |
| **MG2-TDMO-02** | | | | | | | | | |
| 4 x 12 | 0.157 x 0.472 | 40 | White | MG2-TDMO-02 40490 | 1SNB040490R0412 | 126 | | 640 | 0.40 |
| 4 x 16 | 0.157 x 0.630 | 40 | White | MG2-TDMO-02 40491 | 1SNB040491R0416 | 129 | | 640 | 0.40 |
| 4 x 12 | 0.157 x 0.472 | 40 | Yellow | MG2-TDMO-02 40440 | 1SNB040440R0412 | 126 | | 640 | 0.40 |
| 4 x 16 | 0.157 x 0.630 | 40 | Yellow | MG2-TDMO-02 40441 | 1SNB040441R0416 | 129 | | 640 | 0.40 |
| **MG2-TDMO-03** | | | | | | | | | |
| 4 x 12 | 0.157 x 0.472 | 40 | White | MG2-TDMO-03 40590 | 1SNB040590R0412 | 127 | | 560 | 0.40 |
| 4 x 16 | 0.157 x 0.630 | 40 | White | MG2-TDMO-03 40591 | 1SNB040591R0416 | 130 | | 560 | 0.40 |
| 4 x 12 | 0.157 x 0.472 | 40 | Yellow | MG2-TDMO-03 40540 | 1SNB040540R0412 | 127 | | 560 | 0.40 |
| 4 x 16 | 0.157 x 0.630 | 40 | Yellow | MG2-TDMO-03 40541 | 1SNB040541R0416 | 130 | | 560 | 0.40 |

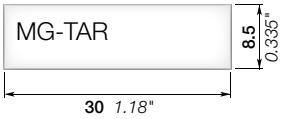
## Marking system

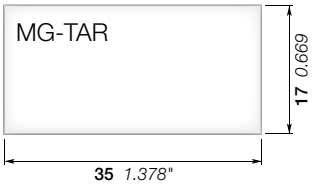
| MG3 KIT | ● | AMS 250 | | AMS 600 | | HTP500 | |
|---|---|---|---|---|---|---|---|

| Description | Support status | Type | Part Number | | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| **Support plate** | | | | | | | |
| Support plate for cable tags MG2-TDMO & MG-TDM 4x16mm | Purchased separately | MG2-PTM 991010 | 1SNB991010R0000 | | | 1 | 116.00 |

**MG3 KIT**

**MG-TAR**




# MG-TAR markers for components

## Description

Identify your terminal blocks assembly with the precut blank label adapted to the LH label holders.

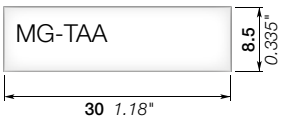
## Ordering details

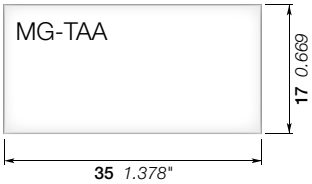
| Description | Nb. of markers per card | Nb. of card by package | Color | Type | Part Number | SW code | | Pkg marker | Weight 1 marker g |
|---|---|---|---|---|---|---|---|---|---|
| For LH label holder | 33 | 50 | White | MG-TAR 45490 | 1SNB045490R8530 | 720 | | 1650 | 0.371 |
| For LH-R1 label holder | 18 | 50 | | MG-TAR 45194 | 1SNB045194R1735 | 711 | | 900 | 0.628 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Rigid PVC | |
| | Flammability | V0 | |
| | NF F 16 101 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -30 ... +80 °C | -22 ... +176 °F |
| | Storage | -30 ... +80 °C | -22 ... +176 °F |
| | Installing | +10 ... +40 °C | +50 ... +104 °F |

**MG-TAA**




# MG-TAA markers for components

## Description

Identify your terminal blocks assembly with the self adhesive label adapted to the LH label holders.

## Ordering details

| Description | Nb. of markers per card | Nb. of card by package | Color | Type | Part Number | SW code | | Pkg marker | Weight 1 marker g |
|---|---|---|---|---|---|---|---|---|---|
| For LH label holder | 33 | 25 | White | MG-TAA 49498 | 1SNB049498R8530 | 33 | | 825 | 0.55 |
| | 33 | 25 | Yellow | MG-TAA 49448 | 1SNB049448R8530 | 33 | | 825 | 0.55 |
| For LH-R1 label holder | 18 | 25 | White | MG-TAA 49198 | 1SNB049198R1735 | 711 | | 450 | 0.91 |
| | 18 | 25 | Yellow | MG-TAA 49148 | 1SNB049148R1735 | 711 | | 450 | 0.91 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Rigid PVC | |
| | Flammability | V0 | |
| | NF F 16 101 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -30 ... +80 °C | -22 ... +176 °F |
| | Storage | -30 ... +80 °C | -22 ... +176 °F |
| | Installing | +10 ... +40 °C | +50 ... +104 °F |

## Marking system & accessories

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Thermal transfer printer** | Grey | MG3 KIT | 1SNB419001R0000 | | 1 | 12600 |

1SNK160099S0201

**MG-TAPW**

# MG-TAPW markers for components

## Description

Identify your terminal blocks assembly with the precut blank label adapted to the LH label holders.

## Ordering details

| Description | Nb. of markers per card | Nb. of card by package | Color | Type | Part Number | SW code | | Pkg marker | Weight 1 marker g |
|---|---|---|---|---|---|---|---|---|---|
| For LH label holder | 30 | 50 | White | MG-TAPW 49096 | 1SNB049096R0929 | 363 | | 1500 | 0.30 |
| | 30 | 50 | Yellow | MG-TAPW 49046 | 1SNB049046R0929 | 363 | | 1500 | 0.30 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | Rigid PVC | |
| | Flammability | V0 | |
| | NF F 16 101 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -30 ... +80 °C | -22 ... +176 °F |
| | Storage | -30 ... +80 °C | -22 ... +176 °F |
| | Installing | +10 ... +40 °C | +50 ... +104 °F |

## Marking system & accessories

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| **Thermal transfer printer** | Grey | MG3 KIT | 1SNB419001R0000 | | 1 | 12600 |

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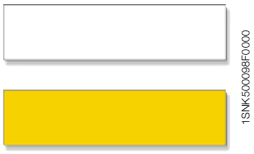
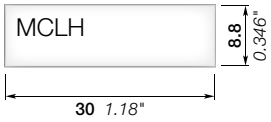
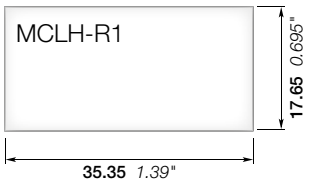



**MCLH**




# MCLH label

## Description

Identify your terminal blocks assembly with the self adhesive label adapted to the LH label holders.

## Ordering details

| Description | Nb. of markers per card | Nb. of card by package | Color | Type | Part Number | SW code | | Pkg card | Weight 1 card g |
|---|---|---|---|---|---|---|---|---|---|
| For LH label holder | 36 | 25 | White | MCLH | 1SNK900630R0000 | | | 25 | 10.00 |
| | | | Yellow | MCLH-YL | 1SNK900633R0000 | | | 25 | 10.00 |
| For LH-R1 label holder | 15 | 25 | White | MCLH-R1 | 1SNK900631R0000 | | | 25 | 10.00 |
| | | | Yellow | MCLH-R1-YL | 1SNK900634R0000 | | | 25 | 10.00 |

## Main technical data

| | | | |
|---|---|---|---|
| **Material specifications** | Insulating material | PVC + adhesive acrylic | |
| | Flammability | V0 | |
| | NF F 16 101 | | |
| **Ambient temperature min/max** | Service IEC 60068-2-1 | -55 ... +110 °C | -67 ... +230 °F |
| | Storage | -55 ... +110 °C | -67 ... +230 °F |
| | Installing | -5 ... +40 °C | +23 ... +104 °F |

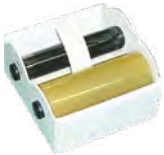
1

2

## Marking system & accessories

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| 1 Plotter | | AMS 600 KIT | 1SNA360000R2400 | | 1 | 12600.00 |
| 2 Support plate for AMS | | SPRC 21 | 1SNA360031R0600 | | 1 | 851.00 |

Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



HTP500-CLEAN

HTP500-FEED

HTP500-PL2

RIB-B

## Feeders and support plates

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Universal feeder for marker cards | | HTP500-FEED | 1SNA235703R0400 | | 1 | |
| Support plate for TE Connectivity terminal block markers | | HTP500-PL2 | 1SNA235705R0600 | | 1 | |
| Universal support plate for wire markers | | HTP500-PL | 1SNA235704R0500 | | 1 | |

## Accessories

| Description | Color | Type | Part Number | | Pkg qty | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Black ribbon cassette | | RIB-B | 1SNA235710R0600 | | 3 | |
| Red ribbon cassette for identification plates and adhesive labels | | RIB-R | 1SNA235711R2300 | | 3 | |
| Red ribbon cassette for terminal blocks and wire markers | | RIB-RS | 1SNA235718R0200 | | 3 | |
| Cleaning cassette | | HTP500-CLEAN | 1SNA235714R2600 | | 1 | |
| Standard cleaning roll ø18 | | HTP500-ROLL | 1SNA235715R2700 | | 1 | |
| Printing head | | HTP500-PRINT | 1SNA235716R2000 | | 1 | |
| Dust cover for HTP500 and AMS 600 systems | | DUST COVER | 1SNA360161R1500 | | 1 | |
| Wooden box for HTP500-V2 KIT | | HTP500-WB | 1SNA235717R2100 | | 1 | |
| Software CD | | HTS500 | 1SNA235702R0300 | | 1 | |
| Support table | | HTP500-BAS | 1SNA235706R0700 | | 1 | |
| Power supply cable | | HTP500-PW | 1SNA235709R1200 | | 1 | |



1SNK160015S0201 - Rev. A

# MG3 thermal transfer printer
## Kit and accessories

MG3 KIT

### Description

- Versatile,
- Compact and robust,
- Easy to install and use.

### Ordering details

| Description | Color | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| MG3 Thermal transfer printer KIT | | MG3 KIT | 1SNB419001R0000 | | 1 | 12600.00 |
| **List of items included in the KIT:** | | | | | | |
| 1 MG3 Thermal transfer printer | | MG3 | | | | |
| 1 Software CD | | MG3 SOFTWARE | | | | |
| 1 Power supply cable | | MG3 POWER | | | | |
| 1 USB cable | | MG3 USB | | | | |
| 1 Protective cover | | MG2 COVE 991680 | | | | |
| 1 Ribbon take up spool | | MG2-CRB 991654 | | | | |
| 1 Black monochrome ribbon | | MG2-ETR 991600 | | | | |
| 1 Support plate for cable tags MG-TPM | | MG2-PWC 991000 | | | | |
| 1 Support plate for labels, cables, plates and various markers | | MG2-PLT 991002 | | | | |
| 1 Support plate for terminal block markers MG-CPM-01(5x10 and 5x15),02,03,04,07 | | MG2-QTB 991011 | | | | |
| 1 Support plate for SNK series terminal block markers (MG-CPM-13) | | MG2-ETB 991016 | | | | |

Support plate MG2-...

### Support plates

| Description | Color | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Support template for: | | | | | | |
| Cable tags MG-TPM | | MG2-PWC 991000 | 1SNB991000R0000 | | 1 | 148.00 |
| Labels, cable tags, plates and various markers | | MG2-PLT 991002 | 1SNB991002R0000 | | 1 | 148.00 |
| Terminal block markers MG-CPM-05,12 | | MG2-WTB 991004 | 1SNB991004R0000 | | 1 | 151.00 |
| Terminal block markers MG-CPM-06 | | MG2-STB 991005 | 1SNB991005R0000 | | 1 | 158.00 |
| Terminal block markers MG-CPM-10 | | MG2-CTB 991006 | 1SNB991006R0000 | | 1 | 156.00 |
| Cable tags MG-TDM (4x12 mm) | | MG2-PTD 991007 | 1SNB991007R0000 | | 1 | 126.00 |
| Terminal block markers MG-CPM-01 (5x7 mm) | | MG2-MTB 991008 | 1SNB991008R0000 | | 1 | 149.00 |
| Cable tags MG2-TDMO and MG-TDM (4x16 mm) | | MG2-PTM 991010 | 1SNB991010R0000 | | 1 | 116.00 |
| Terminal block markers MG-CPM-01 (5x10 and 5x15 mm),02,03,04,07 | | MG2-QTB 991011 | 1SNB991011R0000 | | 1 | 120.00 |
| Terminal block markers TE Connectivity RC and MC series | | MG2-ABM 991012 | 1SNB991012R0000 | | 1 | 146.00 |
| Terminal block markers MG-CPM-09 | | MG2-LTB 991013 | 1SNB991013R0000 | | 1 | 128.00 |
| Terminal block markers SNK series MG-CPM-13 | | MG2-ETB 991016 | 1SNB991016R0000 | | 1 | 100.00 |

### PET blank cover for support plate

| Description | Color | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| PET blank for support plate MG2-PWC | | MG2-TWC 991502 | 1SNB991502R0000 | | 3 | 16.70 |
| PET blank for support plate MG2-PLT | | MG2-TLT 991522 | 1SNB991522R0000 | | 3 | 14.70 |
| PET blank for support plate MG2-PTD | | MG2-TTD 991563 | 1SNB991563R0000 | | 3 | 11.70 |
| PET blank for support plate MG2-MTB | | MG2-TMT 991513 | 1SNB991513R0000 | | 3 | 12.00 |
| PET blank for support plate MG2-WTB | | MG2-TWT 991542 | 1SNB991542R0000 | | 3 | 12.00 |
| PET blank for support plate MG2-STB | | MG2-TST 991552 | 1SNB991552R0000 | | 3 | 21.50 |
| PET blank for support plate MG2-CTB | | MG2-TCT 991562 | 1SNB991562R0000 | | 3 | 12.00 |
| PET blank for support plate MG2-QTB | | MG2-TGT 991532 | 1SNB991532R0000 | | 3 | 11.70 |
| PET blank for support plate MG2-ETB | | MG2-TTB 991512 | 1SNB991512R0000 | | 3 | 10.70 |

Ribbons MG2-ETR...

### Accessories

| Description | Color | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| Print head cleaning kit | | MG2-CKP 991670 | 1SNB991670R0000 | | 1 | 336.00 |
| Black monochrome ribbon | Black | MG2-ETR 991600 | 1SNB991600R0000 | | 1 | 227.00 |
| Blue monochrome ribbon | Blue | MG2-ETR 991601 | 1SNB991601R0000 | | 1 | 229.00 |
| Red monochrome ribbon | Red | MG2-ETR 991602 | 1SNB991602R0000 | | 1 | 255.00 |
| Green monochrome ribbon | Green | MG2-ETR 991603 | 1SNB991603R0000 | | 1 | 247.00 |
| White monochrome ribbon | White | MG2-ETR 991606 | 1SNB991606R0000 | | 1 | 333.00 |

1SNC160112S0201 - Rev. A

AMS 600

# AMS 600

## Description

- For basic marking applications,
- Economic,
- Full-size format,
- Print original manufacturers' markers.

## Ordering details

| Description | Color | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| AMS 600 Plotter KIT | | AMS 600 KIT | 1SNA360000R2400 | | 1 | 12600 |
| **List of items included in the KIT:** | | | | | | |
| 1 AMS 600 plotter pen printer | | AMS 600 | | | | |
| 1 Software CD | | AMS SOFTWARE | | | | |
| 1 Power supply cable | | AMS POWER | | | | |
| 1 USB cable | | AMS USB | | | | |
| 1 Support plate for RC / MC / RCTT / WMTT / BA4 / RCT | | SPRC1 | | | | |
| 1 Support plate for MC...PA | | SPRC 30-3 | | | | |
| 1 Plotter pen Ø 0.25 mm .01 in | | AMS PEN 0.25 | | | | |
| 1 Plotter pen Ø 0.35 mm .014 in | | AMS PEN 0.35 | | | | |
| 5 Ink cartridges | | AMS INK CARTRIDGES | | | | |
| 1 Cleaner fluid | | AMS CLEANER FLUID | | | | |
| 1 Cleaner kit | | AMS CLEANER KIT | | | | |

AMS 250

# AMS 250

## Description

- Basic needs,
- Economic,
- Half-size format
- Compatible with most of AMS 600 accessories.

## Ordering details

| Description | Color | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|
| AMS 250 Plotter KIT | | AMS 250 BASIC KIT | 1SNA360000R2500 | | 1 | 8800 |
| **List of items included in the KIT:** | | | | | | |
| 1 AMS 250 plotter pen printer | | AMS 250 BASIC | | | | |
| 1 Software CD | | AMS SOFTWARE | | | | |
| 1 Power supply cable | | AMS POWER | | | | |
| 1 USB cable | | AMS USB | | | | |
| 1 Support plate for BA4 / MC / RC / RCAL / RCT / RCTT | | SPRC2 | | | | |
| 1 Disposable plotter pen Ø 0.25 mm .01 in EDR ink | | DISPOSABLE AMS PEN ED-R 0.25 | | | | |
| 1 Disposable plotter pen Ø 0.35 mm .014 in EDR ink | | DISPOSABLE AMS PEN ED-R 0.35 | | | | |



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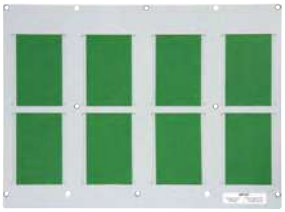


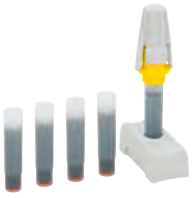
SPRC1

SPRC2

SPRC30-3

AMS PEN

AMS CLEANER KIT



AMS INK CARTRIDGES

## Support plates for TE Connectivity markers

| Description | Compatibility AMS 500 AMS 600 | Compatibility AMS 250 | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Support plates for: | | | | | | | |
| RC/MC/RCTT/WMTT/BA4/RCT full format | ● | | SPRC 1 | 1SNA360010R1500 | | 1 | 1500.00 |
| RC/MC/RCTT/WMTT/BA4/RCT | | ● | SPRC 2 | 1SNA360011R1500 | | 1 | 600.00 |
| RB strips | ● | ● | SPRC 4 | 1SNA360014R0500 | | 1 | 300.00 |
| RTM7-9 | ● | | SPRC 5 | 1SNA360015R0600 | | 1 | 1700.00 |
| PIB | ● | ● | SPRC 13 | 1SNA360023R0600 | | 1 | 260.00 |
| BA5-50 | ● | ● | SPRC 14 | 1SNA360024R0700 | | 1 | 300.00 |
| RC-X10A | ● | ● | SPRC 15 | 1SNA360025R0000 | | 1 | 300.00 |
| 2 RC cards | ● | ● | SPRC 16 | 1SNA360026R0100 | | 1 | 300.00 |
| WM markers | ● | ● | SPRC 26 | 1SNA360036R0300 | | 1 | 300.00 |
| PAM strip | ● | | SPRC 27 | 1SNA360037R0400 | | 1 | 300.00 |
| RPCV markers | ● | ● | SPRC 28 | 1SNA360040R2300 | | 1 | 300.00 |
| RCL, P, W510 | ● | ● | SPRC 29 | 1SNA360038R1500 | | 1 | 300.00 |
| MC... PA | ● | ● | SPRC 30-3 | 1SNA360039R1700 | | 1 | 500.00 |
| A4 universal support plate | ● | ● | SPRC 21 | 1SNA360031R0600 | | 1 | 500.00 |

## Support plates for other manufacturers

| Description | Compatibility AMS 500 AMS 600 | Compatibility AMS 250 | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Support plates for markers: | | | | | | | |
| Wieland | ● | ● | SPRC 6 | 1SNA360016R0700 | | 1 | 350.00 |
| Weidmüller | ● | ● | SPRC 7 | 1SNA360017R0000 | | 1 | 400.00 |
| Phoenix ZBM 5/6 | ● | ● | SPRC 8 | 1SNA360018R1100 | | 1 | 300.00 |
| Phoenix ZB | ● | ● | SPRC 9 | 1SNA360019R1200 | | 1 | 300.00 |
| Allen Bradley WRZ | ● | ● | SPRC 10 | 1SNA360020R1700 | | 1 | 330.00 |
| Wago mini WSB5 | ● | ● | SPRC 11 | 1SNA360021R0400 | | 1 | 300.00 |

## Accessories

| Description | | Diameter Color | Type | Part Number | | Pkg pce | Weight (1 pce) g |
|---|---|---|---|---|---|---|---|
| Plotter pen P 2.0 black ink | Ø 0.18 mm 0.007 in | Red | AMS PEN 0.18 | 1SNA360103R1400 | | 1 | 15.00 |
| | Ø 0.25 mm 0.01 in | White | AMS PEN 0.25 | 1SNA360100R2500 | | 1 | 15.00 |
| | Ø 0.35 mm 0.014 in | Yellow | AMS PEN 0.35 | 1SNA360101R1200 | | 1 | 15.00 |
| | Ø 0.50 mm 0.02 in | Brown | AMS PEN 0.50 | 1SNA360104R1500 | | 1 | 26.00 |
| | Ø 0.70 mm 0.028 in | Blue | AMS PEN 0.70 | 1SNA360105R1600 | | 1 | 26.00 |
| | Ø 1.00 mm 0.039 in | Orange | AMS PEN 1.00 | 1SNA360106R1700 | | 1 | 26.00 |
| Disposable plotter pen P 2.0 black ink | Ø 0.25 mm 0.01 in | White | DISPOSABLE AMS PEN 0.25 | 1SNA360120R1000 | | 1 | 24.00 |
| | Ø 0.35 mm 0.014 in | Yellow | DISPOSABLE AMS PEN 0.35 | 1SNA360121R0500 | | 1 | 24.00 |
| Disposable plotter pen ED-R black ink | Ø 0.18 mm 0.007 in | Red | DISPOSABLE AMS PEN ED-R 0.18 | 1SNA360124R1000 | | 1 | 24.00 |
| | Ø 0.25 mm 0.01 in | White | DISPOSABLE AMS PEN ED-R 0.25 | 1SNA360122R1000 | | 1 | 24.00 |
| | Ø 0.35 mm 0.014 in | Yellow | DISPOSABLE AMS PEN ED-R 0.35 | 1SNA360123R0500 | | 1 | 24.00 |
| 5 ink cartridges 1 ml | | | AMS INK CARTRIDGES | 1SNA360150R2600 | | 1 | 18.00 |
| 2 cleaner fluid bottles, 2x10 ml | | | AMS CLEANER FLUID | 1SNA360155R1700 | | 1 | 40.00 |
| Cleaner kit including: 1 rinse bottle and 1 blotting paper | | | AMS CLEANER KIT | 1SNA360156R1000 | | 1 | 34.00 |
| Dust cover | | | DUST COVER | 1SNA360161R1500 | | 1 | 200.00 |
| Service kit for pen maintenance | | | SERVICE KIT FOR AMS 600 | 1SNA360162R1600 | | 1 | 12.00 |
| Self-adhesive support for support plate SPRC 1 | | | SPDST1 | 1SNA360163R1700 | | 1 | 70.00 |
| Plotter head for AMS 600 including 1 printing module, 1 pen holder and 1 dust cover | | | PEN HOLDER | 1SNA360098R1200 | | 1 | 85.00 |