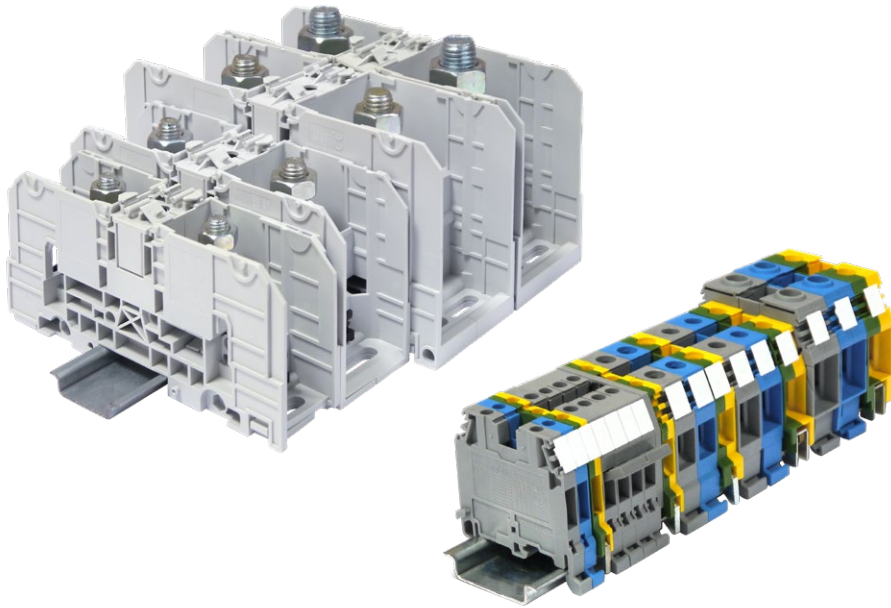


# SNA SERIES TERMINAL BLOCKS

ENTRELEC Terminal Blocks



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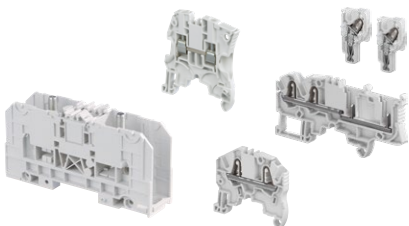
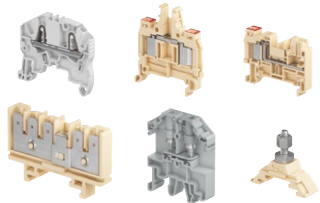
# SNA series

## Terminal blocks

|                                       |     |
|---------------------------------------|-----|
| Ranges and technologies presentations | 2   |
| Screw clamp terminal blocks           | 9   |
| Stud terminal blocks                  | 89  |
| Index                                 | 102 |

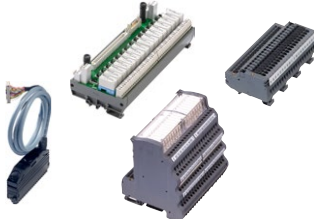
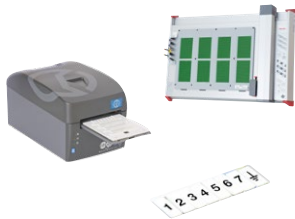
## ENTRELEC terminal blocks offering

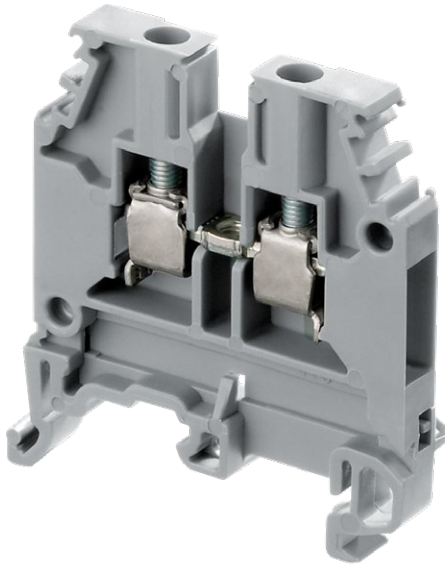
TE Connectivity proposes one of the largest connection offering on the market with various technologies: screw, PI-Spring, spring, IDC, pluggable, stud, etc. technologies found in over 8000 products & solutions.

|                              | SNK & SNA standard terminal blocks                                                                                                                                       |                                                                                                                       | Specific technologies                                                                                                                                                                                                                                                                                                                                 |                                                                                                              | Terminal blocks for railway applications                                                 |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
|                              |                                                                                         |                                                                                                                       |                                                                                                                                                                                                                                                                     |                                                                                                              |       |
| Scope                        | Qualified for worldwide applications and severe environments (such as hazardous locations, railways, marine and solar applications..). From 0.2 to 300 mm <sup>2</sup> . |                                                                                                                       | 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 mm <sup>2</sup><br>12 to 4 AWG                                                                                                     | Feed-through<br>Multi-deck<br>Ground<br>Disconnect for fuses<br>Component holder                                      | ADO System® (IDC)<br>0.22 to 4 mm <sup>2</sup><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 mm <sup>2</sup><br>12 to 4 AWG                     |
|                              |                                                                                                                                                                          |                                                                                                                       | Safety (spring loaded)<br>0.22 to 10 mm <sup>2</sup><br>24 to 6 AWG                                                                                                                                                                                                                                                                                   | Feed-through<br>Disconnect<br>Test & measurement                                                             | SNK pluggable screw & PI-Spring technologies<br>2.5 to 4 mm <sup>2</sup><br>12 to 10 AWG |
|                              | SNK screw clamp technology<br>4 to 240 mm <sup>2</sup><br>12 to 500 Kcmil                                                                                                | Feed-through<br>Multi-deck<br>Ground<br>Disconnect for fuses<br>Test & measurement<br>Marshalling<br>Component holder | Stud<br>25 to 120 mm <sup>2</sup><br>2 AWG to 500 Kcmil                                                                                                                                                                                                                                                                                               | One stud<br>2 studs<br>One stud - One wire-clamp                                                             | ADO System® (IDC)<br>1.5 to 4 mm <sup>2</sup><br>16 to 12 AWG                            |
|                              |                                                                                                                                                                          |                                                                                                                       | Ring lug<br>2.5 to 25 mm <sup>2</sup><br>14 to 4 AWG                                                                                                                                                                                                                                                                                                  | Feed-through<br>Test & measurement                                                                           | Stud<br>4 to 185 mm <sup>2</sup>                                                         |
|                              | SNK pluggable screw & PI-Spring technologies<br>2.5 to 4 mm <sup>2</sup><br>12 to 10 AWG                                                                                 | Feed-through<br>Multi-deck<br>Ground                                                                                  | Miniblocks<br>1.5 to 6 mm <sup>2</sup><br>18 to 8 AWG                                                                                                                                                                                                                                                                                                 | Screw clamp<br>Spring<br>ADO System® (IDC)                                                                   | Quick-connect<br>2.5 to 6 mm <sup>2</sup>                                                |
|                              | SNA Stud<br>35 to 300 mm <sup>2</sup><br>1 AWG to 1000 Kcmil                                                                                                             | Feed-through<br>Stud-stud<br>Hybrid<br>Stud-screw                                                                     | <b>Other types</b><br><b>Test &amp; measurement:</b> with sliding link, blade, plug<br><b>Pluggable:</b> feed-through, double deck, disconnect<br><b>Sensors/actuators:</b> screw, spring, ADO system (IDC)<br><b>Installation:</b> screw, spring<br><b>Protection:</b> ground + neutral<br><b>Component holders:</b> screw, spring, ADO system (IDC) |                                                                                                              |                                                                                          |



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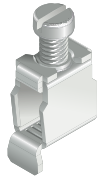
|  | DBL power distribution blocks                                                                                                                                         | ESSAILEC® test blocks                                                                                                                                                                                                                                                                                                         | Interfast PLC pre-wiring system                                                                                                                                                                                                                                                                                                                                                                                          | Marking solutions                                                                                                                                                                                             |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |                                                                                      |                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                        |                                                                                                                            |
|  | 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><ul style="list-style-type: none"> <li>– 1 to 4 wire connections (sensors)</li> <li>– Disconnect</li> <li>– Fuse</li> <li>– Signal indication</li> <li>– Relays</li> <li>– Optocouplers</li> <li>– Solenoid valve control</li> <li>– Galvanic isolation (2.5 kV).</li> </ul> | 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 |



## Rely on our expertise

The TE Connectivity screw clamp technology benefits from 50 years of experience.

Billions of our screw clamps have been manufactured and are used worldwide every day in all kinds of applications.



**Qualified for worldwide markets and applications**  
**Eco-designed according to international environmental standards in sustainable development.**



RoHS



ISO 9001  
ISO 14001



## The proven reliability to support your daily connection challenges

### Manufactured since decades

**Robust design & high quality** standards (UL94-V0, RoHS). Many functions available for a very **wide scope** of industrial applications.

### Facilitate your rail assembly process

10 pre-assembled blocks for **quick plug-in mounting**. Asymmetrical shape: easy to handle, **prevents risk of short-circuit**.

Conductor insertion is very easy: the conductor entry is **angled to guide the conductor** into the clamp.

A flap under the clamp avoids conductor to be pushed underneath the clamp.

Universal: **mounting on TH 35 and G rails**.

### Quick and efficient marking solutions

Markers come by strips of 10.

Central and lateral marking allow a clear visualisation from any angle.



10 pre-assembled blocks



Quick labelling thanks to strips



100% safe-visible backwards mounting



Multi rail mounting

1SNC16116S0201

## Screw clamp technology

### The heavy duty connection

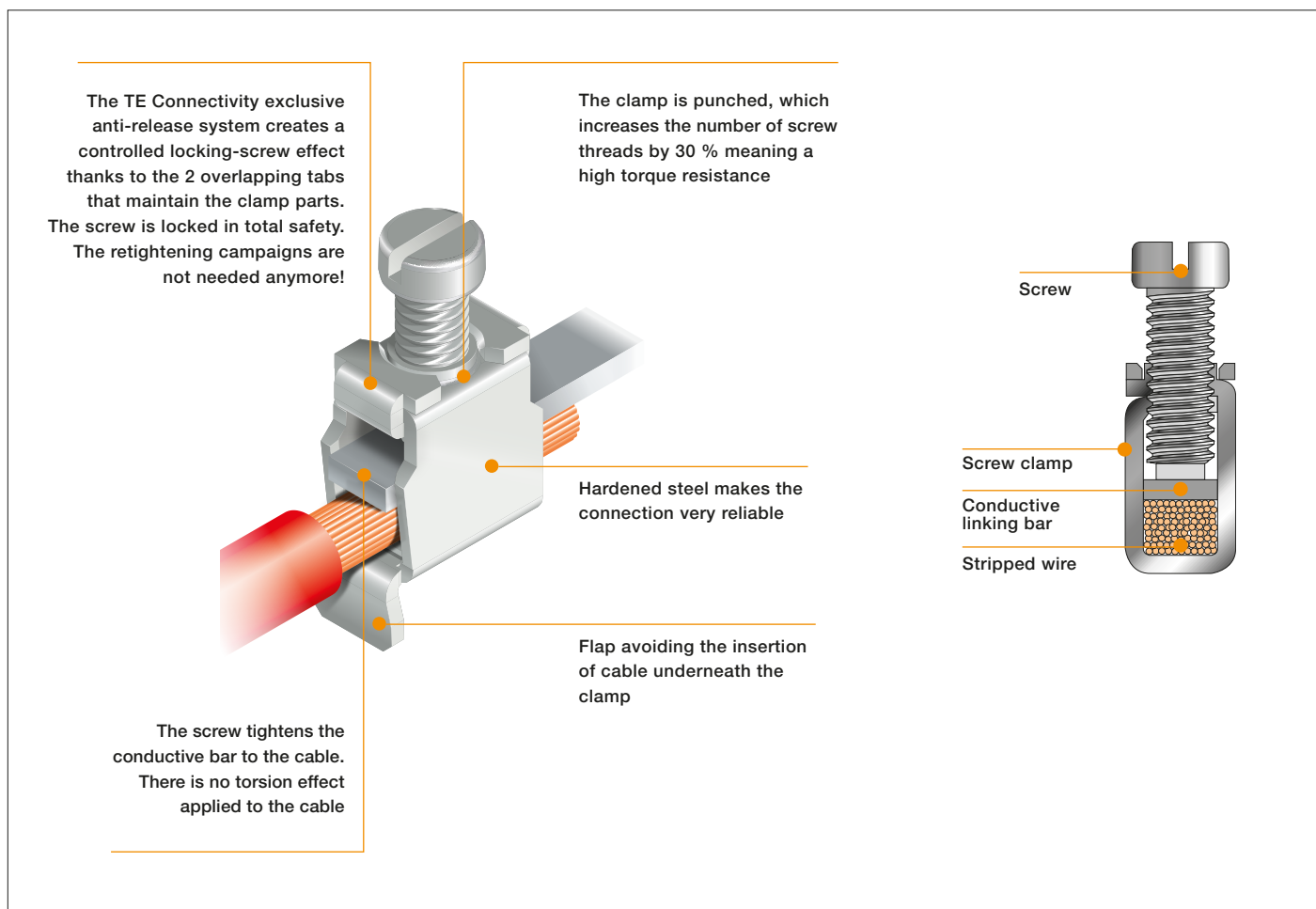
#### Unique design, flies over time thanks to its reliability and safety

The TE Connectivity screw clamp technology is designed to avoid accidental releases due to vibrations, shocks or even abusive cable draw. Our exclusive design minimizes the needs of retightening campaigns.

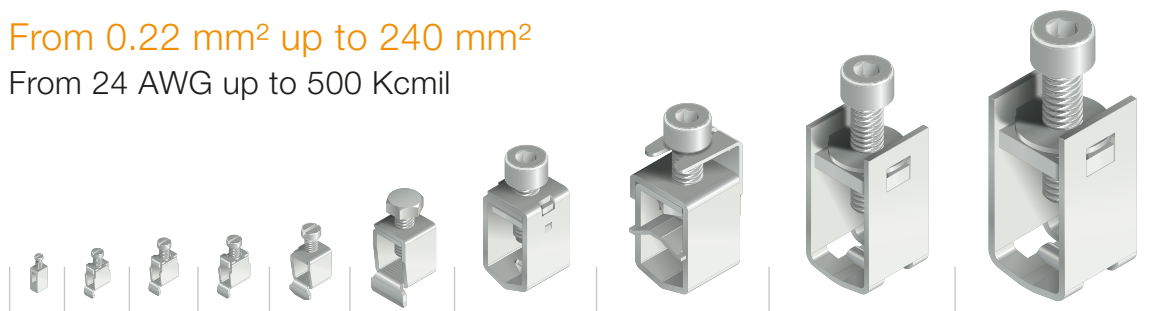
#### High density capacity

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

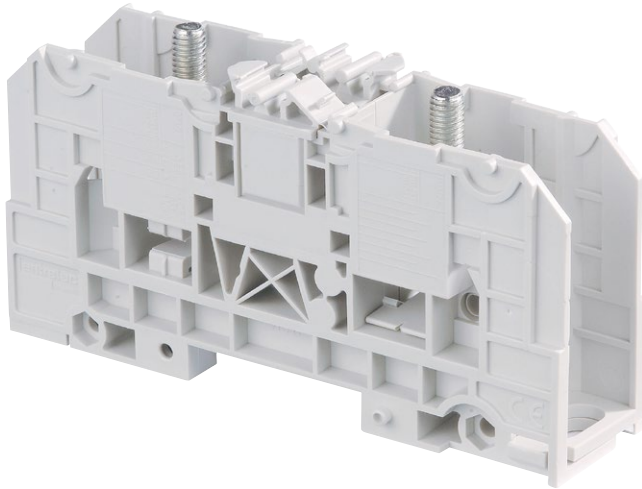
## Features



From 0.22 mm<sup>2</sup> up to 240 mm<sup>2</sup>  
From 24 AWG up to 500 Kcmil



1SNC16117S0201



TE Connectivity proposes a large scope of power terminal blocks dedicated to the connection and distribution of power into electrical installations. Power terminals blocks features standard stud-stud connections as well as hybrid terminals (stud-screw clamp).



**Qualified for worldwide markets and applications**  
**Eco-designed according to international environmental standards in sustainable development.**



## The power distribution terminal blocks

### Functionality through ergonomic design

Removable protective covers are designed to increase the **safety of cabinets**, ease the wiring process thanks to its rotative feature.

A **central movable protection** gives access to the jumpering location, and ensures the IP20 isolation.

High quality standards (UL94-V0, RoHS...).

### Facilitate your rail assembly process

Various mounting options:

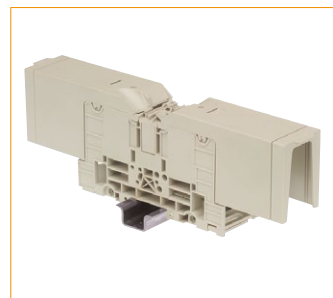
- **Plate mounting** thanks to 2 holes
- **Rail mounting** with bistable foot.

Terminal blocks can be **tight together** thanks to the usage of a threaded stud and nuts.

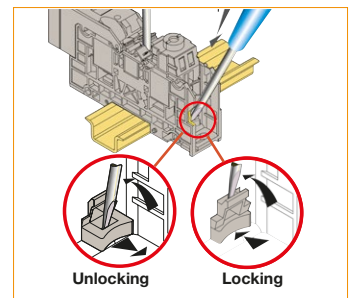
Pins allow terminal blocks to be **snapped together** for better stability during the tightening process.

### Efficient marking

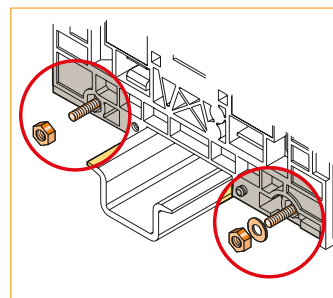
Many marking options: on the center or on the covers with standard markers or adhesive labels.



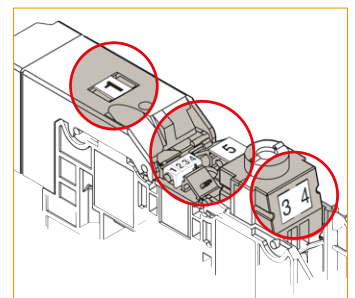
Rotating protective covers



Bistable mounting foot



Assembly with stud & snap on pins



Marking options

1SNC165001S0201

# TE Connectivity stud & screw clamp technology

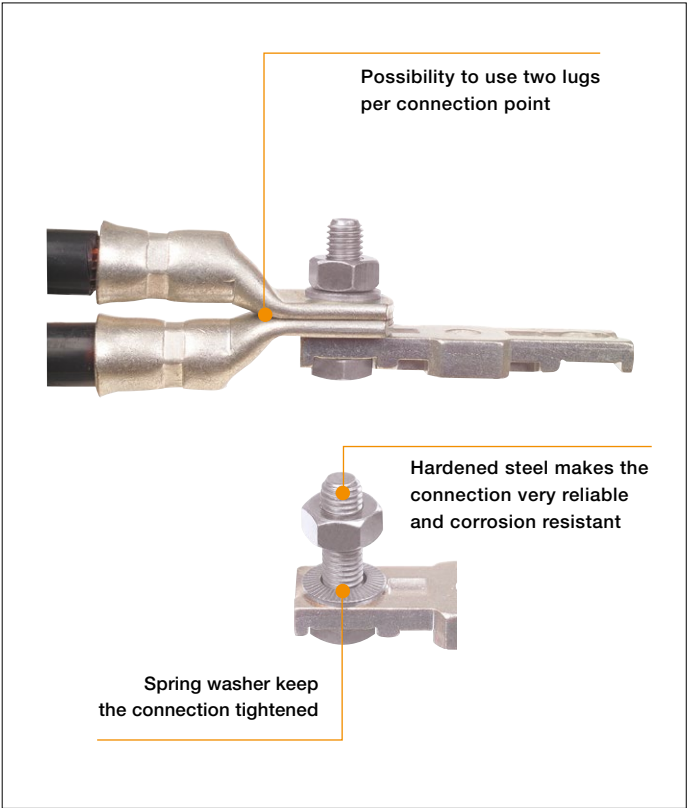
## The preferred connection for power

### Reliability first

The TE Connectivity stud and screw clamp are designed to ensure the reliability of connection, and are particularly adapted to high currents requirements. The TE Connectivity connection technology includes vibration resistant washers combined with highly resistant steel parts to obtain heavy duty usage.

## Features

### Stud

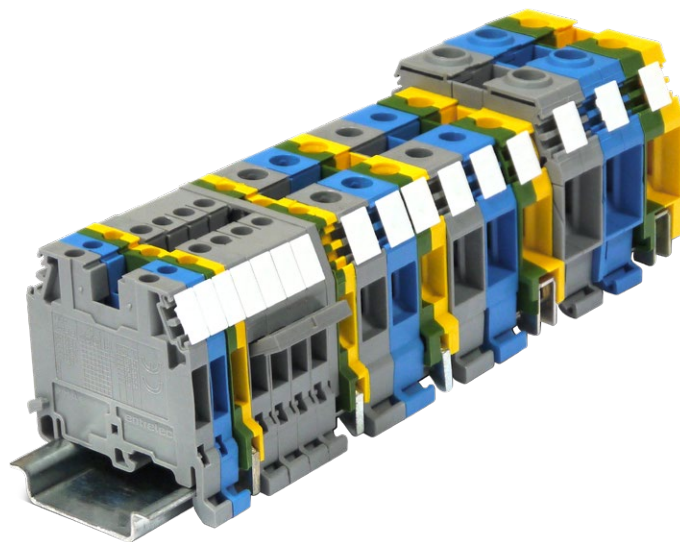


### Screw clamp



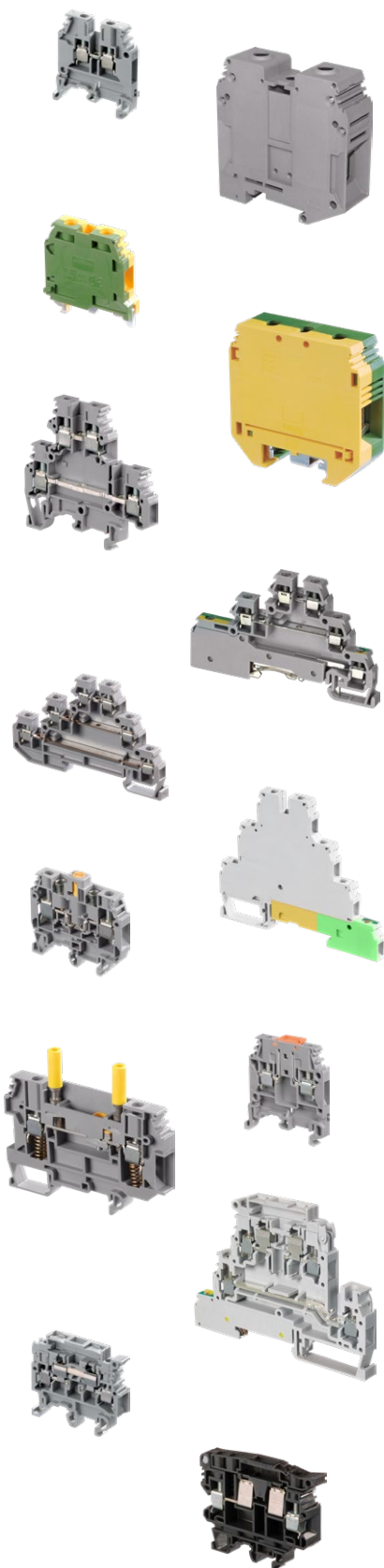
Up to 300 mm<sup>2</sup> / 1000 Kcmil

|                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| <b>M6</b>                                                                           | <b>M8</b>                                                                           | <b>M10</b>                                                                          | <b>M12</b>                                                                          | <b>M16</b>                                                                            |
| 35 mm <sup>2</sup>                                                                  | 70 mm <sup>2</sup>                                                                  | 120 mm <sup>2</sup>                                                                 | 185 mm <sup>2</sup>                                                                 | 300 mm <sup>2</sup>                                                                   |
| 1 AWG                                                                               | 000 AWG                                                                             | 300 Kcmil                                                                           | 500 Kcmil                                                                           | 1000 Kcmil                                                                            |



## SNA series, terminal blocks

### Screw clamp technology



#### Overview 10

##### Feed-through

|                               |                              |                   |    |
|-------------------------------|------------------------------|-------------------|----|
| 2.5 mm <sup>2</sup> / 12 AWG  | <b>MA2.5/5</b>               |                   | 12 |
| 4 mm <sup>2</sup> / 10 AWG    | <b>M4/6</b>                  |                   | 14 |
|                               | <b>M4/6.3A &amp; M4/6.4A</b> | 3 & 4 connections | 16 |
| 6 mm <sup>2</sup> / 8 AWG     | <b>M6/8</b>                  |                   | 18 |
| 10 mm <sup>2</sup> / 6 AWG    | <b>M10/10</b>                |                   | 20 |
| 16 mm <sup>2</sup> / 6 AWG    | <b>M16/12</b>                |                   | 22 |
| 35 mm <sup>2</sup> / 0 AWG    | <b>M35/16</b>                |                   | 23 |
| 70 mm <sup>2</sup> / 00 AWG   | <b>D70/22</b>                |                   | 24 |
| 95 mm <sup>2</sup> / 0000 AWG | <b>D95/26</b>                |                   | 25 |
| 150 mm <sup>2</sup>           | <b>D150/31.D10</b>           |                   | 26 |
| 240 mm <sup>2</sup>           | <b>D240/36.D10</b>           |                   | 27 |

##### Ground

|                               |                                  |                   |    |
|-------------------------------|----------------------------------|-------------------|----|
| 2.5 mm <sup>2</sup> / 12 AWG  | <b>MA2.5/5.P &amp; D2.5/5.P</b>  |                   | 28 |
| 4 mm <sup>2</sup> / 12 AWG    | <b>M4/6.P &amp; D4/6.P</b>       |                   | 30 |
|                               | <b>M4/6.3A.P &amp; M4/6.4A.P</b> | 3 & 4 connections | 32 |
| 6 mm <sup>2</sup> / 8 AWG     | <b>M6/8.P &amp; D6/8.P</b>       |                   | 34 |
| 10 mm <sup>2</sup> / 6 AWG    | <b>M10/10.P</b>                  |                   | 36 |
| 16 mm <sup>2</sup> / 4 AWG    | <b>M16/12.P</b>                  |                   | 37 |
| 35 mm <sup>2</sup> / 0 AWG    | <b>M35/16.P</b>                  |                   | 38 |
| 70 mm <sup>2</sup> / 00 AWG   | <b>D70/22.P</b>                  |                   | 39 |
| 95 mm <sup>2</sup> / 0000 AWG | <b>D95/26.P</b>                  |                   | 40 |

##### Double deck

|                              |                   |                      |    |
|------------------------------|-------------------|----------------------|----|
| 2.5 mm <sup>2</sup> / 12 AWG | <b>MA2.5/5.D2</b> |                      | 42 |
| 4 mm <sup>2</sup> / 12 AWG   | <b>M4/6.D2</b>    |                      | 44 |
|                              | <b>M4/6.D1</b>    | One circuit          | 46 |
| 6 mm <sup>2</sup> / 8 AWG    | <b>M6/8.D2</b>    |                      | 48 |
| 2.5 mm <sup>2</sup> / 12 AWG | <b>D2.5/5.DP</b>  | Double deck + ground | 50 |

##### Triple deck

|                              |                  |                             |    |
|------------------------------|------------------|-----------------------------|----|
| 2.5 mm <sup>2</sup> / 12 AWG | <b>D2.5/6.DA</b> |                             | 51 |
| 4 mm <sup>2</sup> / 12 AWG   | <b>D4/6.T</b>    |                             | 52 |
|                              | <b>D4/6.P.T1</b> | 7 connections for grounding | 54 |

##### Disconnect

|                              |                              |                                               |    |
|------------------------------|------------------------------|-----------------------------------------------|----|
| 2.5 mm <sup>2</sup> / 12 AWG | <b>MA2.5/5.SNB</b>           |                                               | 56 |
| 4 mm <sup>2</sup> / 10 AWG   | <b>M4/6.SNB</b>              |                                               | 58 |
| 6 mm <sup>2</sup> / 8 AWG    | <b>M6/8.SNB</b>              |                                               | 60 |
| 4 mm <sup>2</sup> / 12 AWG   | <b>M4/6.D2.SNBT</b>          | Double deck, disconnect                       | 61 |
| 4 mm <sup>2</sup> / 10 AWG   | <b>M4/6.SB &amp; M6/8.SB</b> | Disconnect with plug                          | 62 |
| 4 mm <sup>2</sup>            | <b>M4/6.D2.SB</b>            | Double deck, disconnect with plug             | 64 |
| 6 mm <sup>2</sup> / 8 AWG    | <b>M6/8.STP</b>              | Disconnect with push-turn knob                | 66 |
|                              | <b>M6/8.STP3</b>             | Feed-through - profile aligned with M6/8.STP  | 67 |
|                              | <b>M6/8.ST</b>               | Test disconnect with screwdriver sliding link | 67 |
|                              | <b>M6/8.ST7</b>              | Feed-through - profile aligned with M6/8.ST   | 73 |

##### For 5x20 and 5x25 mm fuses (0.197x0.787 in and 0.197x0.984 in)

|                            |                     |                                             |    |
|----------------------------|---------------------|---------------------------------------------|----|
| 4 mm <sup>2</sup> / 12 AWG | <b>M4/8.SF</b>      | Fuse holders                                | 74 |
|                            | <b>M4/8.SN</b>      | Disconnect - profile aligned with M4/8.SF   | 78 |
|                            | <b>M4/8</b>         | Feed-through - profile aligned with M4/8.SF | 79 |
|                            | <b>M4/8.D2.SF</b>   | Double deck, fuse holder                    | 80 |
|                            | <b>D4/8.D2.P.SF</b> | Double deck, fuse holder, ground            | 82 |

##### For 6.3x25 and 6.3x32 mm fuses (¼ x 1 in and ¼ x 1¼ in)

|                             |                   |                                              |    |
|-----------------------------|-------------------|----------------------------------------------|----|
| 10 mm <sup>2</sup> / 10 AWG | <b>ML10/13.SF</b> |                                              | 84 |
|                             | <b>ML10/13.SN</b> | Disconnect - profile aligned with ML10/13.SF | 86 |

1SNC161120S0201

## SNA series, terminal blocks

### Screw clamp technology



Feed-through



Screw rail connection



Screwless rail connection



Double deck

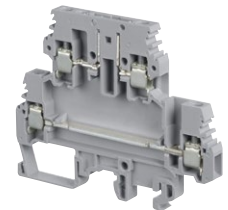
| Section             |           |             |                |           |                |          |               |            |               |
|---------------------|-----------|-------------|----------------|-----------|----------------|----------|---------------|------------|---------------|
| IEC                 | UL/CSA    |             |                |           |                |          |               |            |               |
| 2.5 mm <sup>2</sup> | 12 AWG    | MA2.5/5     | 5 mm 0.197 in  | MA2.5/5.P | 5 mm 0.197 in  | D2.5/5.P | 5 mm 0.197 in | MA2.5/5.D2 | 5 mm 0.197 in |
| 4 mm <sup>2</sup>   | 10-12 AWG | M4/6        | 6 mm 0.236 in  | M4/6.P    | 6 mm 0.236 in  | D4/6.P   | 6 mm 0.236 in | M4/6.D2    | 6 mm 0.236 in |
| 6 mm <sup>2</sup>   | 8 AWG     | M6/8        | 8 mm 0.315 in  | M6/8.P    | 8 mm 0.315 in  | D6/8.P   | 8 mm 0.315 in | M6/8.D     | 8 mm 0.315 in |
| 10 mm <sup>2</sup>  | 6-10 AWG  | M10/10      | 10 mm 0.394 in | M10/10.P  | 10 mm 0.394 in |          |               |            |               |
| 16 mm <sup>2</sup>  | 4-6 AWG   | M16/12      | 12 mm 0.472 in | M16/12.P  | 12 mm 0.472 in |          |               |            |               |
| 35 mm <sup>2</sup>  | 0-2 AWG   | M35/16      | 16 mm 0.630 in | M35/16.P  | 16 mm 0.630 in |          |               |            |               |
| 70 mm <sup>2</sup>  | 00 AWG    | D70/22      | 22 mm 0.866 in | D70/22.P  | 22 mm 0.866 in |          |               |            |               |
| 95 mm <sup>2</sup>  | 0000 AWG  | D95/26      | 26 mm 1.024 in | D95/26.P  | 26 mm 1.024 in |          |               |            |               |
| 150 mm <sup>2</sup> |           | D150/31.D10 | 31 mm 1.220 in |           |                |          |               |            |               |
| 240 mm <sup>2</sup> |           | D240/36.D10 | 36 mm 1.417 in |           |                |          |               |            |               |



Disconnect with blade



Disconnect with plug



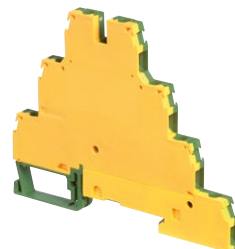
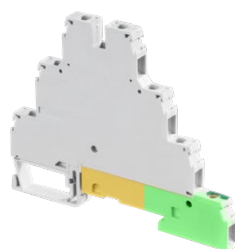
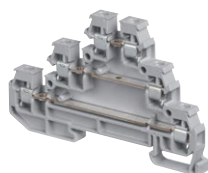
| Section             |           |               |               |              |               |         |               |            |               |
|---------------------|-----------|---------------|---------------|--------------|---------------|---------|---------------|------------|---------------|
| IEC                 | UL/CSA    |               |               |              |               |         |               |            |               |
| 2.5 mm <sup>2</sup> | 12 AWG    | MA2.5/5.SNB.. | 5 mm 0.197 in | M4/6.D2.SNBT | 6 mm 0.236 in | M4/6.SB | 6 mm 0.236 in | M4/6.D2.SB | 6 mm 0.236 in |
| 4 mm <sup>2</sup>   | 10-12 AWG | M4/6.SNB..    | 6 mm 0.236 in |              |               |         |               |            |               |
| 6 mm <sup>2</sup>   | 8 AWG     | M6/8.SNB      | 8 mm 0.315 in |              |               | M6/8.SB | 8 mm 0.315 in |            |               |



For 5 x 20 mm and 5 x 25 mm fuses (0.197" x 0.787" and 0.197" x 0.984")

| Section            |           |         |               |         |               |      |               |  |  |
|--------------------|-----------|---------|---------------|---------|---------------|------|---------------|--|--|
| IEC                | UL/CSA    |         |               |         |               |      |               |  |  |
| 4 mm <sup>2</sup>  | 10-12 AWG | M4/8.SF | 8 mm 0.315 in | M4/8.SN | 8 mm 0.315 in | M4/8 | 8 mm 0.315 in |  |  |
| 10 mm <sup>2</sup> | 10 AWG    |         |               |         |               |      |               |  |  |

|  |                               |   |  |                               |   |  |                                  |   |  |                                  |   |  |                      |   |  |                                           |
|--|-------------------------------|---|--|-------------------------------|---|--|----------------------------------|---|--|----------------------------------|---|--|----------------------|---|--|-------------------------------------------|
|  | Terminal                      | - |  | Hole for testing or jumpering | - |  | Testing point                    | - |  | Fuse holder                      | - |  | Blown-fuse indicator | - |  | Ground connection, linked to the DIN rail |
|  | Interconnection between decks | - |  | Disconnect function           | - |  | Quarter turn disconnect function | - |  | Sliding link disconnect function |   |  |                      |   |  |                                           |



### Double deck + ground



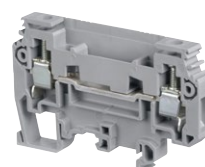
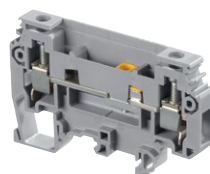
### Triple deck



### Triple deck + ground



|                  |               |                  |               |                  |               |                  |               |
|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|
| <b>D2.5/6.DP</b> | 5 mm 0.197 in | <b>D2.5/6.DA</b> | 5 mm 0.197 in | <b>D4/6.T3.P</b> | 6 mm 0.236 in | <b>D4/6.P.T1</b> | 6 mm 0.236 in |
|                  |               | <b>D4/6.T</b>    | 6 mm 0.236 in |                  |               |                  |               |
|                  |               |                  |               |                  |               |                  |               |
|                  |               |                  |               |                  |               |                  |               |
|                  |               |                  |               |                  |               |                  |               |
|                  |               |                  |               |                  |               |                  |               |
|                  |               |                  |               |                  |               |                  |               |
|                  |               |                  |               |                  |               |                  |               |



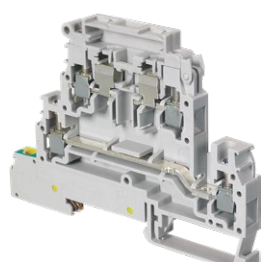
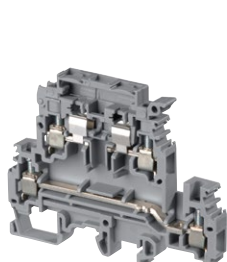
### Disconnect with push-turn knob



### Test disconnect



|                 |               |                  |               |                |               |                 |               |
|-----------------|---------------|------------------|---------------|----------------|---------------|-----------------|---------------|
| <b>M6/8.STP</b> | 8 mm 0.315 in | <b>M6/8.STP3</b> | 8 mm 0.315 in | <b>M6/8.ST</b> | 8 mm 0.315 in | <b>M6/8.ST7</b> | 8 mm 0.315 in |
|-----------------|---------------|------------------|---------------|----------------|---------------|-----------------|---------------|



### Double deck - For 5 x 20 mm and 5 x 25 mm fuses (0.197" x 0.787" and 0.197" x 0.984")



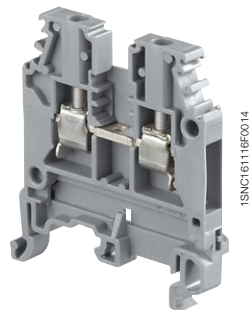
### For 6.3 x 25 and 6.3 x 32 mm fuses (1/4" x 1" and 1/4" x 1 1/4")



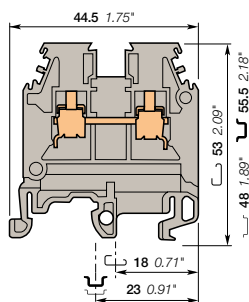
|                   |               |                     |               |                   |                |                   |                |
|-------------------|---------------|---------------------|---------------|-------------------|----------------|-------------------|----------------|
| <b>M4/8.D2.SF</b> | 8 mm 0.315 in | <b>D4/8.D2.P.SF</b> | 8 mm 0.315 in | <b>ML10/13.SF</b> | 13 mm 0.512 in | <b>ML10/13.SN</b> | 13 mm 0.512 in |
|-------------------|---------------|---------------------|---------------|-------------------|----------------|-------------------|----------------|

## MA2.5/5 screw clamp terminal blocks

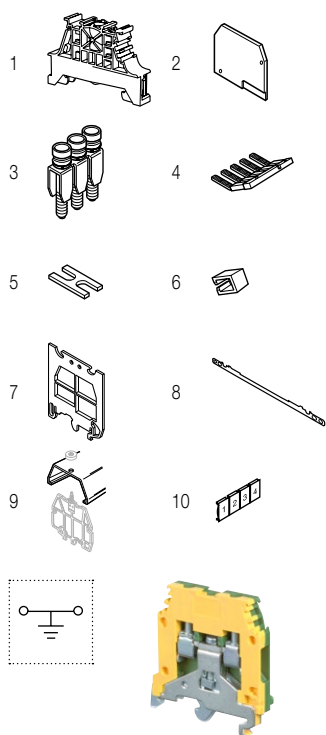
Feed-through - 5 mm 0.197 in spacing



MA2.5/5



5 mm 0.197 in spacing



### Description

- Flexibility: snap onto symmetrical and asymmetrical rails,
- Many colors are available in addition to our generic grey, to help you quickly identify any of specific functions.

### Ordering details

| Description  | Color  | Type      | Part Number     | Pkg qty | Weight (1 pce) g |
|--------------|--------|-----------|-----------------|---------|------------------|
| Feed-through | Grey   | MA2.5/5   | 1SNA115486R0300 | 50      | 6.61             |
|              | Blue   | MA2.5/5.N | 1SNA125486R0500 | 50      | 6.61             |
|              | Orange | MA2.5/5   | 1SNA105075R2000 | 50      | 6.61             |
|              | Yellow | MA2.5/5   | 1SNA105486R1200 | 50      | 6.61             |
|              | Red    | MA2.5/5   | 1SNA400184R2700 | 50      | 6.61             |
|              | White  | MA2.5/5   | 1SNA105052R2100 | 50      | 6.61             |
|              | Black  | MA2.5/5   | 1SNA105077R2200 | 50      | 6.61             |
|              | Beige  | MA2.5/5   | 1SNA195486R0400 | 50      | 6.61             |

### Main technical data

| Connecting capacity                     |                                 | IEC            | UL            | CSA           |
|-----------------------------------------|---------------------------------|----------------|---------------|---------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded        | 0.2-4 mm²      | 22-12 AWG     | 22-12 AWG     |
|                                         | Flexible with insulated ferrule | 0.22-2.5 mm²   |               |               |
|                                         | Gauge                           | A3             |               |               |
|                                         |                                 |                |               |               |
| Rated current / Rated cross section     |                                 | 24 A / 2.5 mm² | 30 A / 12 AWG | 25 A / 12 AWG |
| Rated short-time withstand current (1s) |                                 | 300 A          |               |               |
| Rated voltage                           |                                 | 1000 V         | 600 V         | 600 V         |
| Impulse withstand voltage               |                                 | 8000 V         |               |               |
| Protection                              |                                 | IP20           | NEMA 1        |               |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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 | UL | CSA | Gost R |
| CE | RoHS | UL | CSA | Gost R |

### Mounting instructions

|                       |  |                                            |
|-----------------------|--|--------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                   |
| Wire stripping length |  | 10 mm<br>0.39 in                           |
| Tool                  |  | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.137 in |
| Torque                |  | 0.4 - 0.6 N.m<br>3.5 - 5.3 lb.in           |

### Accessories

| Description               | Color       | Type                                          | Part Number     | Pkg qty | Weight (1 pce) g |
|---------------------------|-------------|-----------------------------------------------|-----------------|---------|------------------|
| 1 End stops               | Grey        | BAM4                                          | 1SNK900001R0000 | 50      | 12.00            |
|                           |             | BAZ1                                          | 1SNK900002R0000 | 50      | 4.70             |
| 2 End sections            | Grey        | FEM6                                          | 1SNA118368R1600 | 20      | 2.40             |
| 3 Jumper bars             |             | 2 poles                                       | BJMI5-2         | 10      | 3.30             |
|                           |             | 3 poles                                       | BJMI5-3         | 10      | 5.00             |
|                           |             | 4 poles                                       | BJMI5-4         | 10      | 6.70             |
|                           |             | 5 poles                                       | BJMI5-5         | 10      | 8.40             |
|                           |             | 10 poles                                      | BJMI5-10        | 10      | 16.90            |
|                           |             |                                               |                 |         |                  |
| 4 Lateral jumper bars     | Grey        | 2 poles                                       | PC5-2           | 10      | 1.80             |
|                           |             | 10 poles                                      | PC5-10          | 10      | 6.00             |
| 5 Cross spacing jumpers   |             | 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in | EL6             | 10      | 0.10             |
| 6 Insulating tips         |             | For lateral jumper bars type PC...            | EIP             | 10      |                  |
| 7 Circuit separators      | Grey        | 3 mm                                          | SCFM6           | 20      | 4.00             |
|                           |             | 0 mm                                          | SCMA5           | 10      |                  |
|                           |             | 3 mm                                          | SCFCV1-2        | 10      | 8.00             |
|                           |             |                                               | SCF6            | 20      |                  |
|                           |             |                                               | CBM5            | 50      |                  |
| 8 Shield connectors       |             |                                               | CPV1-2          | 1       |                  |
| 9 Protecting covers       | Transparent | Length 1 m 39 in                              | CPM             | 1       |                  |
|                           |             | Length 500 mm 19.70 in                        | RC510           | 1       | 5.20             |
| 10 Terminal block markers | White       | Blank card                                    |                 |         |                  |

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

### Ground screw clamp terminal blocks

| Description | Color        | Type      | Part Number     | Pkg qty | Weight (1 pce) g |
|-------------|--------------|-----------|-----------------|---------|------------------|
| Ground      | Green-yellow | MA2.5/5.P | 1SNA165488R2700 | 50      | 18.00            |

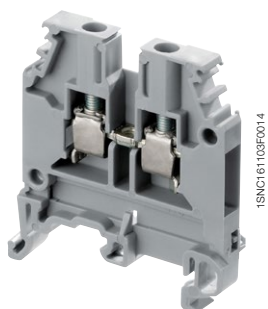
Technical data valid for copper conductors only.

Feed-through - 5 mm 0.197 in spacing

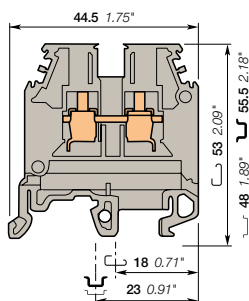


| Description |              |                   | Color   | Type | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------|-------------------|---------|------|-----------------|------------|---------------------|
| 1           | Test sockets | DIA 2 mm 0.079 in |         | AL2  | 1SNA163046R2400 | 50         | 0.90                |
| 2           | Test plugs   | DIA 2 mm 0.079 in | Black ■ | FC2  | 1SNA007865R2600 | 100        |                     |

Feed-through - 6 mm 0.236 in spacing



M4/6



6 mm 0.236 in spacing

## Description

- Flexibility: snap onto symmetrical and asymmetrical rails,
- Many colors are available in addition to our generic grey, to help you quickly identify any of specific functions.

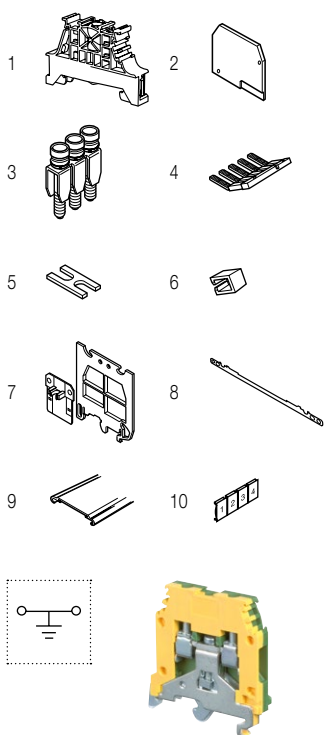
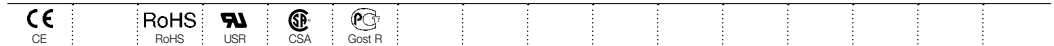
## Ordering details

| Description  | Color  | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|--------------|--------|--------|-----------------|------------|-------------------|
| Feed-through | Grey   | M4/6   | 1SNA115116R0700 | 50         | 8.20g             |
|              | Blue   | M4/6.N | 1SNA125116R0100 | 50         | 8.20g             |
|              | Orange | M4/6   | 1SNA105002R2000 | 50         | 8.20g             |
|              | Yellow | M4/6   | 1SNA105116R1600 | 50         | 8.20g             |
|              | Green  | M4/6   | 1SNA105001R2700 | 50         | 8.20g             |
|              | Red    | M4/6   | 1SNA105032R1500 | 50         | 8.20g             |
|              | Purple | M4/6   | 1SNA206404R0500 | 50         | 8.20g             |
|              | Brown  | M4/6   | 1SNA105209R1400 | 50         | 8.20g             |
|              | White  | M4/6   | 1SNA105051R2000 | 50         | 8.20g             |
|              | Black  | M4/6   | 1SNA105031R1400 | 50         | 8.20g             |
|              | Beige  | M4/6   | 1SNA195116R0000 | 50         | 8.20g             |

## Main technical data

| Connecting capacity                     |                                    | IEC          | UL            | CSA           | Rail                     |  | G32, TH 35-7.5,<br>TH 35-15                                                         |
|-----------------------------------------|------------------------------------|--------------|---------------|---------------|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded           | 0.2-4 mm²    | 22-10 AWG     | 24-10 AWG     | Wire stripping<br>length |  | 9.5 mm<br>0.37 in                                                                   |
|                                         | Flexible<br>with insulated ferrule | 0.22-4 mm²   |               |               |                          |                                                                                     |                                                                                     |
|                                         | Gauge                              | A4           |               |               |                          | Tool                                                                                |  |
| Rated current / Rated cross section     |                                    | 32 A / 4 mm² | 30 A / 10 AWG | 30 A / 10 AWG | Torque                   |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in                                                    |
| Rated short-time withstand current (1s) |                                    | 480 A        |               |               |                          |                                                                                     |                                                                                     |
| Rated voltage                           |                                    | 1000 V       | 600 V         | 600 V         |                          |                                                                                     |                                                                                     |
| Impulse withstand voltage               |                                    | 8000 V       |               |               |                          |                                                                                     |                                                                                     |
| Protection                              |                                    | IP20         | NEMA 1        |               |                          |                                                                                     |                                                                                     |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>



## Accessories

| Description |                          |                                               |          | Color                                                                                           | Type            | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------------------|-----------------------------------------------|----------|-------------------------------------------------------------------------------------------------|-----------------|-----------------|------------|---------------------|
| 1           | End stops                | 10 mm                                         | 0.394 in | Grey         | BAM4            | 1SNK900001R0000 | 50         | 12.00               |
|             |                          | 9 mm                                          | 0.354 in |                                                                                                 | BAZ1            | 1SNK900002R0000 | 50         | 4.70                |
| 2           | End sections             | 2.8 mm                                        | 0.110 in | Grey         | FEM6            | 1SNA118368R1600 | 20         | 2.40                |
| 3           | Jumper bars              | 2 poles                                       | 32 A     | Grey         | BJMl6-2         | 1SNA176663R0000 | 10         | 4.40                |
|             |                          | 3 poles                                       | BJMl6-3  |                                                                                                 | 1SNA176664R0100 | 10              | 6.70       |                     |
|             |                          | 4 poles                                       | BJMl6-4  |                                                                                                 | 1SNA176665R0200 | 10              | 8.90       |                     |
|             |                          | 5 poles                                       | BJMl6-5  |                                                                                                 | 1SNA176666R0300 | 10              | 11.20      |                     |
|             |                          | 10 poles                                      | BJMl6-10 |                                                                                                 | 1SNA176667R0400 | 10              | 22.40      |                     |
| 4           | Lateral jumper bars      | 2 poles                                       | 35 A     | Grey         | PC6-2           | 1SNA113546R1400 | 10         | 2.00                |
|             |                          | 10 poles                                      | PC6-10   |                                                                                                 | 1SNA113548R2600 | 10              | 8.00       |                     |
| 5           | Cross spacing<br>jumpers | 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in |          | Grey         | EL6             | 1SNA173627R2100 | 10         | 0.10                |
|             |                          | Universal screw jumper bar kit N°I            |          |                                                                                                 | BJDP1           | 1SNA179623R0300 | 10         | 7.00                |
|             |                          | Universal screw jumper bar kit N°III          |          |                                                                                                 | BJDP3           | 1SNA179625R0500 | 10         | 5.00                |
| 6           | Insulating tips          | For lateral jumper bars type PC...            |          | Grey         | EIP             | 1SNA113550R2400 | 10         |                     |
| 7           | Circuit separators       | 0 mm                                          | 0 in     |                                                                                                 | SCM6            | 1SNA113003R1000 | 10         | 0.30                |
|             |                          | 3 mm                                          | 0.118 in |                                                                                                 | SCF6            | 1SNA118707R0300 | 20         |                     |
| 8           | Shield connectors        |                                               |          | Transparent  | CBM5            | 1SNA178745R1400 | 50         |                     |
| 9           | Protecting covers        | Length 500 mm 19.70 in                        |          |                                                                                                 | CPM             | 1SNA187312R1400 | 1          |                     |
| 10          | Terminal block markers   | Blank card                                    |          | White        | RC610           | 1SNA233000R0100 | 1          | 7.50                |

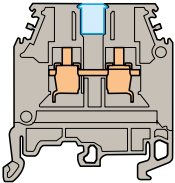
Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

## Ground screw clamp terminal blocks

| Description |                              | Color                                                                                            | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------------|--------------------------------------------------------------------------------------------------|--------|-----------------|------------|---------------------|
| Ground      | Profile aligned with M4/6... | Green-yellow  | M4/6.P | 1SNA165113R1600 | 50         | 21.00               |

Technical data valid for copper conductors only.

M4/6 screw clamp terminal blocks  
Feed-through - 6 mm 0.236 in spacing



6 mm 0.236 in spacing

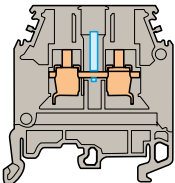


With partition  
Ordering details

| Description                                                                             |                                                                                           | Color                                                                                     | Type                                                                                     | Part Number                                                                                 | Pkg  | Weight    |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------|-----------|
| Feed-through                                                                            | With partition                                                                            |                                                                                           |                                                                                          |                                                                                             | qty  | (1 pce) g |
|                                                                                         |                                                                                           | Grey     | M4/6.1                                                                                   | 1SNA115259R0600                                                                             | 50   | 8.20      |
|                                                                                         |                                                                                           | Orange   | M4/6.1                                                                                   | 1SNA105208R1300                                                                             | 50   | 8.20      |
| Main technical data                                                                     |                                                                                           | IEC                                                                                       | UL                                                                                       | CSA                                                                                         | Nota |           |
| Rated voltage                                                                           |                                                                                           | 1000 V                                                                                    | 600 V                                                                                    | 600 V                                                                                       |      |           |
| Impulse withstand voltage                                                               |                                                                                           | 8000 V                                                                                    |                                                                                          |                                                                                             |      |           |
| Protection                                                                              |                                                                                           | IP20                                                                                      | NEMA 1                                                                                   |                                                                                             |      |           |
| <br>CE | <br>RoHS | <br>ULSR | <br>CSA | <br>Gost R |      |           |

Accessories

| Description    | Color                                     | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------|-------------------------------------------|--------|-----------------|------------|---------------------|
| 1 Test sockets |                                           | AL2    | 1SNA163043R2100 | 50         | 0.90                |
|                |                                           | AL3    | 1SNA163261R0000 | 50         | 1.20                |
|                |                                           | AL4-M3 | 1SNA206721R0100 | 50         | 1.10                |
|                |                                           |        |                 |            |                     |
| 2 Test plugs   | Black <input checked="" type="checkbox"/> | FC2    | 1SNA007865R2600 | 100        |                     |



6 mm 0.236 in spacing

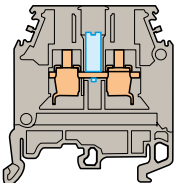


With test socket DIA 2 mm 0.079 in  
Ordering details

| Description                                                                               |                                                                                             | Color                                                                                       | Type                                                                                       | Part Number                                                                                   | Pkg  | Weight    |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------|-----------|
|                                                                                           |                                                                                             |                                                                                             |                                                                                            |                                                                                               | qty  | (1 pce) g |
| Feed-through                                                                              | With test socket<br>DIA 2 mm 0.079 in                                                       | Grey <input type="checkbox"/>                                                               | M4/6.2                                                                                     | 1SNA115217R1400                                                                               | 50   | 8.20      |
| Main technical data                                                                       |                                                                                             | IEC                                                                                         | UL                                                                                         | CSA                                                                                           | Nota |           |
| Rated voltage                                                                             |                                                                                             | 800 V                                                                                       | 600 V                                                                                      | 600 V                                                                                         |      |           |
| Impulse withstand voltage                                                                 |                                                                                             | 8000 V                                                                                      |                                                                                            |                                                                                               |      |           |
| Protection                                                                                |                                                                                             | IP20                                                                                        | NEMA 1                                                                                     |                                                                                               |      |           |
| <br>CE | <br>RoHS | <br>ULSR | <br>CSA | <br>Gost R |      |           |

Accessories

| Description  | Color                                     | Type | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------|-------------------------------------------|------|-----------------|------------|---------------------|
| 1 Test plugs | Black <input checked="" type="checkbox"/> | FC2  | 1SNA007865R2600 | 100        |                     |



6 mm 0.236 in spacing



With test socket DIA 4 mm 0.157 in  
Ordering details

| Description                                                                               |                                                                                             | Color                                                                                      | Type                                                                                       | Part Number                                                                                   | Pkg  | Weight    |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------|-----------|
|                                                                                           |                                                                                             |                                                                                            |                                                                                            |                                                                                               | qty  | (1 pce) g |
| Feed-through                                                                              | With test socket                                                                            | Grey <input type="checkbox"/>                                                              | M4/6.4                                                                                     | 1SNA115192R0400                                                                               | 50   | 8.20      |
|                                                                                           | DIA 4 mm 0.157 in                                                                           | Beige <input type="checkbox"/>                                                             | M4/6.4                                                                                     | 1SNA195192R0500                                                                               | 50   | 8.20      |
| Main technical data                                                                       |                                                                                             | IEC                                                                                        | UL                                                                                         | CSA                                                                                           | Nota |           |
| Rated voltage                                                                             |                                                                                             | 800 V                                                                                      | 600 V                                                                                      | 600 V                                                                                         |      |           |
| Impulse withstand voltage                                                                 |                                                                                             | 8000 V                                                                                     |                                                                                            |                                                                                               |      |           |
| Protection                                                                                |                                                                                             | IP20                                                                                       | NEMA 1                                                                                     |                                                                                               |      |           |
| <br>CE | <br>RoHS | <br>ULR | <br>CSA | <br>Gost R |      |           |

Accessories

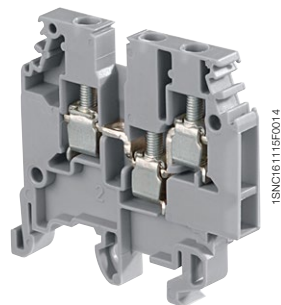
| Description  | Color                          | Type | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------|--------------------------------|------|-----------------|------------|---------------------|
| 1 Test plugs | White <input type="checkbox"/> | FC4  | 1SNA167860R0100 | 10         |                     |

Technical data valid for copper conductors only.

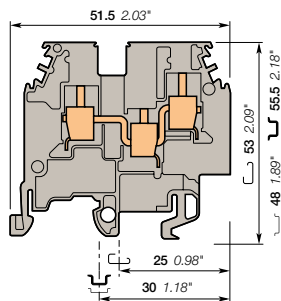
## M4/6.3A screw clamp terminal blocks

Feed-through - 6 mm 0.236 in spacing

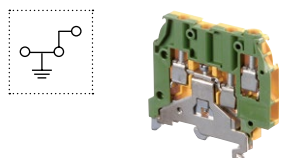
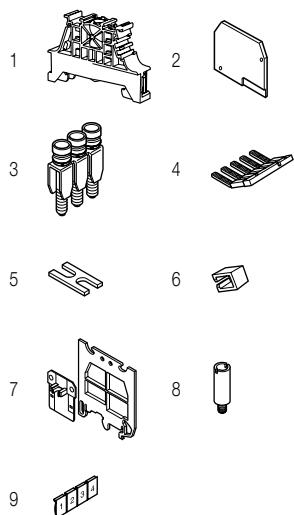
|  |  |                                          |
|--|--|------------------------------------------|
|  |  | <b>4 mm<sup>2</sup></b><br><b>10 AWG</b> |
|--|--|------------------------------------------|



M4/6.3A



6 mm 0.236 in spacing



### Description

- Ease one potential distribution on 3 independent screw clamps,
- Flexibility: snap onto symmetrical and asymmetrical rails.

### Ordering details

| Description  | Color | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------|-------|-----------|-----------------|------------|---------------------|
| Feed-through | Grey  | M4/6.3A   | 1SNA115468R2000 | 50         | 11.00               |
|              | Blue  | M4/6.3A.N | 1SNA125468R2200 | 50         | 11.00               |

### Main technical data

| Connecting capacity                     |                                 | IEC                      | UL            | CSA           |
|-----------------------------------------|---------------------------------|--------------------------|---------------|---------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded        | 0.2-4 mm <sup>2</sup>    | 22-10 AWG     | 12 AWG        |
|                                         | Flexible with insulated ferrule | 0.22-4 mm <sup>2</sup>   |               |               |
|                                         | Gauge                           | A4                       |               |               |
| Rated current / Rated cross section     |                                 | 32 A / 4 mm <sup>2</sup> | 20 A / 10 AWG | 25 A / 12 AWG |
| Rated short-time withstand current (1s) |                                 | 480 A                    |               |               |
| Rated voltage                           |                                 | 800 V                    | 600 V         | 600 V         |
| Impulse withstand voltage               |                                 | 8000 V                   |               |               |
| Protection                              |                                 | IP20                     | NEMA 1        |               |

### Mounting instructions

|                       |  |                                          |
|-----------------------|--|------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
| Wire stripping length |  | 9.5 mm<br>0.37 in                        |
| Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in         |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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 | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### Accessories

| Description              | Color | Type                                          | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------|-------|-----------------------------------------------|-----------------|------------|---------------------|
| 1 End stops              | Grey  | BAM4                                          | 1SNK900001R0000 | 50         | 12.00               |
|                          |       | BAZ1                                          | 1SNK900002R0000 | 50         | 4.70                |
| 2 End sections           | Grey  | FEM3A                                         | 1SNA116576R1500 | 20         | 3.30                |
| 3 Jumper bars            |       | 2 poles                                       | BJMI6-2         | 10         | 4.40                |
|                          |       | 3 poles                                       | BJMI6-3         | 10         | 6.70                |
|                          |       | 4 poles                                       | BJMI6-4         | 10         | 8.90                |
|                          |       | 5 poles                                       | BJMI6-5         | 10         | 11.20               |
|                          |       | 10 poles                                      | BJMI6-10        | 10         | 22.40               |
| 4 Lateral jumper bars    | Grey  | 2 poles                                       | PC6-2           | 10         | 2.00                |
|                          |       | 10 poles                                      | PC6-10          | 10         | 8.00                |
| 5 Cross spacing jumpers  |       | 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in | EL6             | 10         | 0.10                |
|                          |       | Universal screw jumper bar kit N°I            | BJDP1           | 10         | 7.00                |
|                          |       | Universal screw jumper bar kit N°III          | BJDP3           | 10         | 5.00                |
| 6 Insulating tips        |       | For lateral jumper bars type PC...            | EIP             | 10         |                     |
| 7 Circuit separators     | Grey  | 0 mm 0 in                                     | SCM6            | 10         | 0.30                |
| 8 Test sockets           |       | DIA 2 mm 0.079 in                             | AL2             | 50         | 0.90                |
|                          |       | DIA 3 mm 0.120 in                             | AL3             | 50         | 1.20                |
| 9 Terminal block markers | White | Blank card                                    | RC610           | 1          | 7.50                |

Complete list of accessories is indicated in the terminal block datasheet.

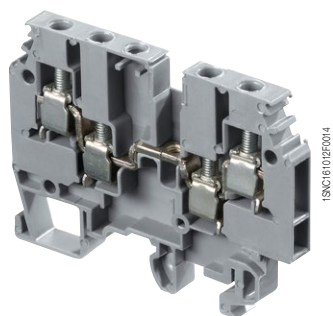
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

### Ground screw clamp terminal blocks

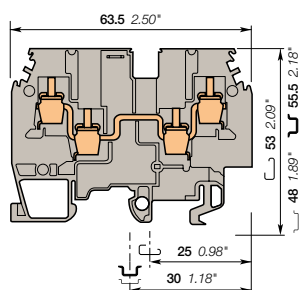
| Description | Color        | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------|-----------|-----------------|------------|---------------------|
| Ground      | Green-yellow | M4/6.3A.P | 1SNA195637R1200 | 50         | 22.00               |

Technical data valid for copper conductors only.

Feed-through - 6 mm 0.236 in spacing



M4/6.4A



6 mm 0.236 in spacing

## Description

- Ease one potential distribution on 4 independent screw clamps,
- Flexibility: snap onto symmetrical and asymmetrical rails.

## Ordering details

| Description  | Color                                                                                  | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|--------------|----------------------------------------------------------------------------------------|-----------|-----------------|------------|-------------------|
| Feed-through | Grey  | M4/6.4A   | 1SNA115479R2300 | 50         | 20.00             |
|              | Blue  | M4/6.4A.N | 1SNA125479R2500 | 50         | 20.00             |

## Main technical data

| Connecting capacity                            |                                 | IEC          | UL            | CSA           | Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
|------------------------------------------------|---------------------------------|--------------|---------------|---------------|-----------------------|-------------------------------------------------------------------------------------|------------------------------------------|
| <b>1 conductor per clamp</b>                   | Rigid - Solid / Stranded        | 0.2-4 mm²    | 22-10 AWG     | 12 AWG        | Wire stripping length |  | 9.5 mm<br>0.37 in                        |
|                                                | Flexible with insulated ferrule | 0.22-4 mm²   |               |               |                       |                                                                                     |                                          |
|                                                | Gauge                           | A4           |               |               | Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
|                                                |                                 |              |               |               |                       |                                                                                     |                                          |
| <b>Rated current / Rated cross section</b>     |                                 | 32 A / 4 mm² | 20 A / 10 AWG | 25 A / 12 AWG | Torque                |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in         |
| <b>Rated short-time withstand current (1s)</b> |                                 | 480 A        |               |               |                       |                                                                                     |                                          |
| <b>Rated voltage</b>                           |                                 | 800 V        | 600 V         | 600 V         |                       |                                                                                     |                                          |
| <b>Impulse withstand voltage</b>               |                                 | 8000 V       |               |               |                       |                                                                                     |                                          |
| <b>Protection</b>                              |                                 | IP20         | NEMA 1        |               |                       |                                                                                     |                                          |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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>

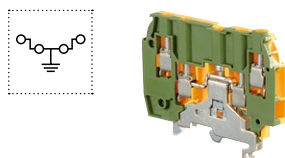


## Accessories

| Description |                        |                                               |          | Color                                                                                     | Type            | Part Number     | Pkg   | Weight    |
|-------------|------------------------|-----------------------------------------------|----------|-------------------------------------------------------------------------------------------|-----------------|-----------------|-------|-----------|
|             |                        |                                               |          |                                                                                           |                 |                 | qty   | (1 pce) g |
| 1           | End stops              | 10 mm                                         | 0.394 in | Grey   | BAM4            | 1SNK900001R0000 | 50    | 12.00     |
|             |                        | 9 mm                                          | 0.354 in |                                                                                           | BAZ1            | 1SNK900002R0000 | 50    | 4.70      |
| 2           | End sections           | 3 mm                                          | 0.118 in | Grey   | FEM4A           | 1SNA116629R2200 | 20    | 3.80      |
| 3           | Jumper bars            | 2 poles                                       | 32 A     |                                                                                           | BJM6-2          | 1SNA176663R0000 | 10    | 4.40      |
|             |                        | 3 poles                                       |          | BJM6-3                                                                                    | 1SNA176664R0100 | 10              | 6.70  |           |
|             |                        | 4 poles                                       |          | BJM6-4                                                                                    | 1SNA176665R0200 | 10              | 8.90  |           |
|             |                        | 5 poles                                       |          | BJM6-5                                                                                    | 1SNA176666R0300 | 10              | 11.20 |           |
|             |                        | 10 poles                                      |          | BJM6-10                                                                                   | 1SNA176667R0400 | 10              | 22.40 |           |
| 4           | Lateral jumper bars    | 2 poles                                       | 35 A     | Grey   | PC6-2           | 1SNA113546R1400 | 10    | 2.00      |
|             |                        | 10 poles                                      |          |                                                                                           | PC6-10          | 1SNA113548R2600 | 10    | 8.00      |
| 5           | Cross spacing jumpers  | 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in |          |                                                                                           | EL6             | 1SNA173627R2100 | 10    | 0.10      |
|             |                        | Universal screw jumper bar kit N°I            |          |                                                                                           | BJDP1           | 1SNA179623R0300 | 10    | 7.00      |
|             |                        | Universal screw jumper bar kit N°III          |          |                                                                                           | BJDP3           | 1SNA179625R0500 | 10    | 5.00      |
| 6           | Insulating tips        | For lateral jumper bars type PC...            |          |                                                                                           | EIP             | 1SNA113650R2400 | 10    |           |
| 7           | Circuit separators     | 0 mm                                          |          | Grey   | SCM6            | 1SNA113003R1000 | 10    | 0.30      |
| 8           | Test sockets           | DIA 2 mm 0.079 in                             |          |                                                                                           | AL2             | 1SNA163043R2100 | 50    | 0.90      |
|             |                        | DIA 3 mm 0.120 in                             |          |                                                                                           | AL3             | 1SNA163261R0000 | 50    | 1.20      |
| 9           | Terminal block markers | Blank card                                    |          | White  | RC610           | 1SNA233000R0100 | 1     | 7.50      |

Complete list of accessories is indicated in the terminal block datasheet.

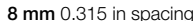
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



## Ground screw clamp terminal blocks

| Description |                                   | Color                                                                                            | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|-----------------------------------|--------------------------------------------------------------------------------------------------|-----------|-----------------|------------|---------------------|
| Ground      | Profile aligned with M4/6.4A.P... | Green-yellow  | M4/6.4A.P | 1SNA195638R2300 | 50         | 22.00               |

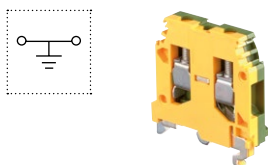
Feed-through - 8 mm 0.315 in spacing









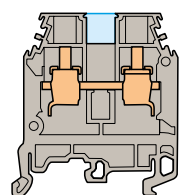


| Description |                              | Color                                                                                            | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------------|--------------------------------------------------------------------------------------------------|--------|-----------------|------------|---------------------|
| Ground      | Profile aligned with M6/8... | Green-yellow  | M6/8.P | 1SNA165114R1700 | 50         | 26.00               |

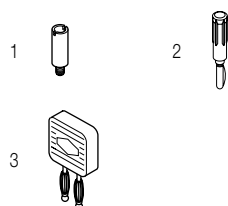


## M6/8 screw clamp terminal blocks

### Feed-through - 8 mm 0.315 in spacing



8 mm 0.315 in spacing



### With partition

#### Ordering details

| Description                 | Color                          | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-----------------------------|--------------------------------|----------|-----------------|------------|---------------------|
| Feed-through With partition | Grey <input type="checkbox"/>  | M6/8.1   | 1SNA115260R0300 | 50         | 12.80               |
|                             | Green <input type="checkbox"/> | M6/8.1   | 1SNA105128R2200 | 50         | 12.80               |
|                             | Beige <input type="checkbox"/> | M6/8.1   | 1SNA195260R0400 | 50         | 12.80               |
|                             | Blue <input type="checkbox"/>  | M6/8.1.N | 1SNA125260R0500 | 50         | 12.80               |

| Main technical data       | IEC    | UL     | CSA   |
|---------------------------|--------|--------|-------|
| Rated voltage             | 1000 V | 600 V  | 600 V |
| Impulse withstand voltage | 8000 V |        |       |
| Protection                | IP20   | NEMA 1 |       |



#### Accessories

| Description           | Color                                     | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-----------------------|-------------------------------------------|--------|-----------------|------------|---------------------|
| 1 Test sockets        |                                           | AL2    | 1SNA163043R2100 | 50         | 0.90                |
|                       |                                           | AL3    | 1SNA163261R0000 | 50         | 1.20                |
|                       |                                           | AL4-M3 | 1SNA206721R0100 | 50         | 1.10                |
| 2 Test plugs          | Black <input checked="" type="checkbox"/> | FC2    | 1SNA007865R2600 | 100        |                     |
|                       | White <input type="checkbox"/>            | FC4    | 1SNA167860R0100 | 10         | 10.00               |
| 3 Short circuit plugs |                                           | BP8.A4 | 1SNA173888R2000 | 10         |                     |

### With test socket DIA 2 mm 0.079 in

#### Ordering details

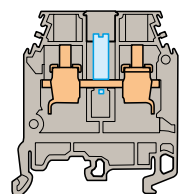
| Description                                        | Color                         | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------------------------------------------|-------------------------------|--------|-----------------|------------|---------------------|
| Feed-through With test socket<br>DIA 2 mm 0.079 in | Grey <input type="checkbox"/> | M6/8.2 | 1SNA115218R2500 | 50         | 12.80               |

| Main technical data       | IEC    | UL     | CSA   |
|---------------------------|--------|--------|-------|
| Rated voltage             | 800 V  | 600 V  | 600 V |
| Impulse withstand voltage | 8000 V |        |       |
| Protection                | IP20   | NEMA 1 |       |

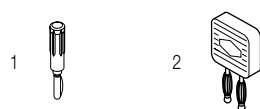


#### Accessories

| Description  | Color                                     | Type | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------|-------------------------------------------|------|-----------------|------------|---------------------|
| 1 Test plugs | Black <input checked="" type="checkbox"/> | FC2  | 1SNA007865R2600 | 100        |                     |



8 mm 0.315 in spacing



### With test socket DIA 4 mm 0.157 in

#### Ordering details

| Description                                        | Color                         | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------------------------------------------|-------------------------------|--------|-----------------|------------|---------------------|
| Feed-through With test socket<br>DIA 4 mm 0.157 in | Grey <input type="checkbox"/> | M6/8.4 | 1SNA115219R2600 | 50         | 12.80               |

| Main technical data       | IEC    | UL    | CSA   |
|---------------------------|--------|-------|-------|
| Rated voltage             | 800 V  | 600 V | 600 V |
| Impulse withstand voltage | 8000 V |       |       |
| Protection                | IP10   | NEMA  |       |

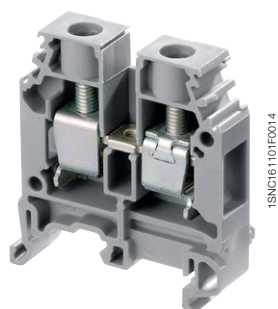


#### Accessories

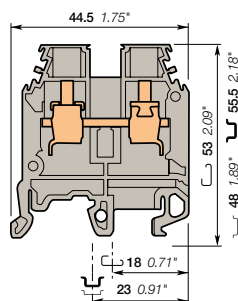
| Description           | Color                          | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-----------------------|--------------------------------|--------|-----------------|------------|---------------------|
| 1 Test plugs          | White <input type="checkbox"/> | FC4    | 1SNA167860R0100 | 10         | 10.00               |
| 2 Short circuit plugs |                                | BP8.A4 | 1SNA173888R2000 | 10         |                     |

Technical data valid for copper conductors only.

## M10/10 screw clamp terminal blocks



M10/10



10 mm 0.394 in spacing

### Description

- Flexibility: snap onto symmetrical and asymmetrical rails,
- Many colors are available in addition to our generic grey, to help you quickly identify any of specific functions.

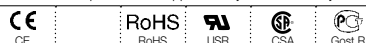
## Ordering details

| Description  | Color                                                                                    | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------|------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| Feed-through | Grey    | M10/10   | 1SNA115120R1700 | 50         | 17.20               |
|              | Blue    | M10/10.N | 1SNA125120R1100 | 50         | 17.20               |
|              | Yellow  | M10/10   | 1SNA105120R2600 | 50         | 17.20               |
|              | Red     | M10/10   | 1SNA400189R0400 | 50         | 17.20               |
|              | White   | M10/10   | 1SNA400190R0100 | 50         | 17.20               |
|              | Black   | M10/10   | 1SNA400188R0300 | 50         | 17.20               |
|              | Beige   | M10/10   | 1SNA195120R1000 | 50         | 17.20               |
|              |                                                                                          |          |                 |            |                     |

## Main technical data

| Connecting capacity                     |                                    | IEC                       | UL           | CSA          | Rail                     | G32, TH 35-7.5,<br>TH 35-15                                                                                                                |
|-----------------------------------------|------------------------------------|---------------------------|--------------|--------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded           | 0.5-16 mm <sup>2</sup>    | 20-6 AWG     | 22-6 AWG     | Wire stripping<br>length |  12 mm<br>0.47 in                                       |
|                                         | Flexible<br>with insulated ferrule | 0.5-10 mm <sup>2</sup>    |              |              |                          |                                                                                                                                            |
|                                         | Gauge                              | B6                        |              |              | Tool                     |  Flat screwdriver<br>Ø 5.5 - 6 mm<br>Ø 0.217 - 0.236 in |
|                                         |                                    |                           |              |              |                          |                                                                                                                                            |
| Rated current / Rated cross section     |                                    | 57 A / 10 mm <sup>2</sup> | 65 A / 6 AWG | 70 A / 6 AWG | Torque                   |  1.2 - 1.4 N.m<br>10.6 - 12.4 lb.in                     |
| Rated short-time withstand current (1s) |                                    | 1200 A                    |              |              |                          |                                                                                                                                            |
| Rated voltage                           |                                    | 1000 V                    | 600 V        | 600 V        |                          |                                                                                                                                            |
| Impulse withstand voltage               |                                    | 8000 V                    |              |              |                          |                                                                                                                                            |
| Protection                              |                                    | IP20                      | NEMA 1       |              |                          |                                                                                                                                            |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>



## Accessories

| Description |                          |                                      |          | Color                                                                                           | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------------------|--------------------------------------|----------|-------------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| 1           | End stops                | 10 mm                                | 0.394 in | Grey         | BAM4     | 1SNK900001R0000 | 50         | 12.00               |
|             |                          | 9 mm                                 | 0.354 in |                                                                                                 | BAZ1     | 1SNK900002R0000 | 50         | 4.70                |
| 2           | End sections             | 2.8 mm                               | 0.110 in | Grey         | FEM6     | 1SNA118368R1600 | 20         | 2.40                |
| 3           | Jumper bars              | 2 poles                              | 57 A     |                                                                                                 | BJM10-2  | 1SNA176675R0400 | 50         | 5.00                |
|             |                          | 3 poles                              |          |                                                                                                 | BJM10-3  | 1SNA176676R0500 | 10         | 8.00                |
|             |                          | 4 poles                              |          |                                                                                                 | BJM10-4  | 1SNA176677R0600 | 10         | 11.00               |
|             |                          | 5 poles                              |          |                                                                                                 | BJM10-5  | 1SNA176678R1700 | 10         | 13.00               |
|             |                          | 10 poles                             |          |                                                                                                 | BJM10-10 | 1SNA176679R1000 | 10         | 27.00               |
| 4           | Lateral jumper bars      | 10 poles                             | 70 A     |                                                                                                 | PC10-10  | 1SNA163315R2600 | 10         |                     |
| 5           | Cross spacing<br>jumpers | Universal screw jumper bar kit N°I   |          |                                                                                                 | BJDP1    | 1SNA179623R0300 | 10         | 7.00                |
|             |                          | Universal screw jumper bar kit N°III |          |                                                                                                 | BJDP3    | 1SNA179625R0500 | 10         | 5.00                |
| 6           | Circuit separators       | 0 mm                                 | 0 in     | Grey         | SCM6     | 1SNA113003R1000 | 10         | 0.30                |
|             |                          | 3 mm                                 | 0.118 in |                                                                                                 | SCFM6    | 1SNA114825R0500 | 20         | 4.00                |
|             |                          |                                      |          |                                                                                                 | SCFCV1-2 | 1SNA116795R1100 | 10         | 8.00                |
|             |                          |                                      |          |                                                                                                 | SCF6     | 1SNA118707R0300 | 20         |                     |
| 7           | Protecting covers        | Length 1 m 39 in                     |          | Transparent  | CPV1-2   | 1SNA176816R1200 | 1          |                     |
|             |                          | Length 500 mm 19.70 in               |          |                                                                                                 | CPM      | 1SNA187312R1400 | 1          |                     |
| 8           | Terminal block markers   | Blank card                           |          | White        | RC1010   | 1SNA238000R1600 | 1          | 1.30                |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

## Ground screw clamp terminal blocks

| Description |                                | Color                                                                                            | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------------------------|--------------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| Ground      | Profile aligned with M10/10... | Green-yellow  | M10/10.P | 1SNA165115R1000 | 50         | 29.00               |

Technical data valid for copper conductors only.

M10/10 screw clamp terminal blocks

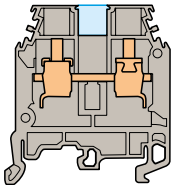
Feed-through - 10 mm 0.394 in spacing





10 mm²

6 AWG



10 mm 0.394 in spacing



With partition

Ordering details

| Description  | Color          | Type                          | Part Number | Pkg             | Weight             |
|--------------|----------------|-------------------------------|-------------|-----------------|--------------------|
| Feed-through | With partition | Grey <input type="checkbox"/> | M10/10.1    | 1SNA115261R2000 | 50 (1 pce) 17.20 g |

| Main technical data       | IEC    | UL     | CSA   | Nota |
|---------------------------|--------|--------|-------|------|
| Rated voltage             | 1000 V | 600 V  | 600 V |      |
| Impulse withstand voltage | 8000 V |        |       |      |
| Protection                | IP20   | NEMA 1 |       |      |

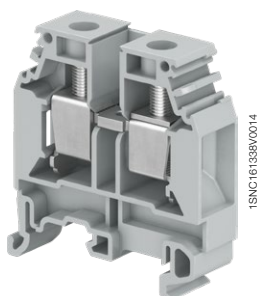
|                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE                                                                                | RoHS                                                                              | USR                                                                               | CSA                                                                               | Gost R                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

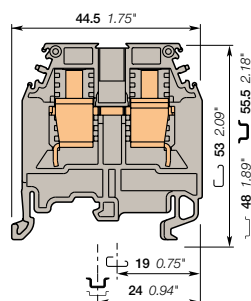
| Description    | Color                                     | Type   | Part Number     | Pkg | Weight    |
|----------------|-------------------------------------------|--------|-----------------|-----|-----------|
|                |                                           |        |                 | qty | (1 pce) g |
| 1 Test sockets |                                           | AL2    | 1SNA163043R2100 | 50  | 0.90      |
|                |                                           | AL3    | 1SNA163261R0000 | 50  | 1.20      |
|                |                                           | AL4-M3 | 1SNA206721R0100 | 50  | 1.10      |
| 2 Test plugs   | Black <input checked="" type="checkbox"/> | FC2    | 1SNA007865R2600 | 100 |           |
|                | White <input type="checkbox"/>            | FC4    | 1SNA167860R0100 | 10  |           |

Technical data valid for copper conductors only.

Feed-through - 12 mm 0.472 in spacing



M16/12



**12 mm 0.472 in spacing**

## Description

- Flexibility: snap onto symmetrical and asymmetrical rails,
- Many colors are available in addition to our generic grey, to help you quickly identify any of specific functions,
- Use of jumper bars requires the user to cut out the partition.

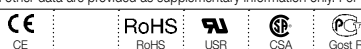
## Ordering details

| Description  |                | Color                                                                                    | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|--------------|----------------|------------------------------------------------------------------------------------------|----------|-----------------|------------|-------------------|
| Feed-through | With partition | Grey    | M16/12   | 1SNA115129R1400 | 20         | 26.12g            |
|              |                | Blue    | M16/12.N | 1SNA125129R1600 | 20         | 26.12g            |
|              |                | Yellow  | M16/12   | 1SNA105129R2300 | 20         | 26.12g            |
|              |                | Red     | M16/12   | 1SNA400192R2700 | 20         | 26.12g            |
|              |                | White   | M16/12   | 1SNA400193R2000 | 20         | 26.12g            |
|              |                | Black   | M16/12   | 1SNA400191R2600 | 20         | 26.12g            |
|              |                | Beige   | M16/12   | 1SNA195129R1500 | 20         | 26.12g            |

## Main technical data

| Connecting capacity                     |                                    | IEC           | UL           | CSA          | Rail                     |  | G32, TH 35-7.5,<br>TH 35-15               |
|-----------------------------------------|------------------------------------|---------------|--------------|--------------|--------------------------|-------------------------------------------------------------------------------------|-------------------------------------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded           | 2.5-25 mm²    | 18-4 AWG     | 14-4 AWG     | Wire stripping<br>length |  | 14 mm<br>0.55 in                          |
|                                         | Flexible<br>with insulated ferrule | 2.5-16 mm²    |              |              |                          |                                                                                     |                                           |
|                                         | Gauge                              | B7            |              |              | Tool                     |  | Flat screwdriver<br>Ø 5.5 mm<br>Ø 0.22 in |
|                                         |                                    |               |              |              |                          |                                                                                     |                                           |
| Rated current / Rated cross section     |                                    | 76 A / 16 mm² | 85 A / 4 AWG | 85 A / 4 AWG | Torque                   |  | 1.2 - 1.4 N.m<br>10.6 - 12.4 lb.in        |
| Rated short-time withstand current (1s) |                                    | 1920 A        |              |              |                          |                                                                                     |                                           |
| Rated voltage                           |                                    | 1000 V        | 600 V        | 600 V        |                          |                                                                                     |                                           |
| Impulse withstand voltage               |                                    | 8000 V        |              |              |                          |                                                                                     |                                           |
| Protection                              |                                    | IP20          | NEMA 1       |              |                          |                                                                                     |                                           |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>



## Accessories

| Description |                        |                                      |          | Color                                                                                           | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------|--------------------------------------|----------|-------------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| 1           | End stops              | 10 mm                                | 0.394 in | Grey         | BAM4     | 1SNK900001R0000 | 50         | 12.00               |
|             |                        | 9 mm                                 | 0.354 in |                                                                                                 | BAZ1     | 1SNK900002R0000 | 50         | 4.70                |
| 2           | End sections           | 3 mm                                 | 0.118 in | Grey         | FEM12    | 1SNA118618R0100 | 20         | 3.20                |
| 3           | Jumper bars            | 2 poles                              | 76 A     |                                                                                                 | BJM12-2  | 1SNA179626R0600 | 10         | 6.00                |
|             |                        | 3 poles                              |          |                                                                                                 | BJM12-3  | 1SNA179628R1000 | 10         | 9.00                |
|             |                        | 4 poles                              |          |                                                                                                 | BJM12-4  | 1SNA179629R1100 | 10         | 13.00               |
|             |                        | 5 poles                              |          |                                                                                                 | BJM12-5  | 1SNA179630R1600 | 10         | 16.00               |
|             |                        | 10 poles                             |          |                                                                                                 | BJM12-10 | 1SNA179631R0300 | 10         | 33.00               |
| 4           | Cross spacing jumpers  | Universal screw jumper bar kit N°II  |          |                                                                                                 | BJDP2    | 1SNA179624R0400 | 10         | 6.00                |
|             |                        | Universal screw jumper bar kit N°III |          |                                                                                                 | BJDP3    | 1SNA179625R0500 | 10         | 5.00                |
| 5           | Circuit separators     | 3 mm                                 | 0.118 in | Grey         | SCF12    | 1SNA113102R1000 | 20         | 2.00                |
|             |                        |                                      |          |                                                                                                 | SCFM6    | 1SNA114825R0500 | 20         | 4.00                |
|             |                        |                                      |          |                                                                                                 | SCFCV1-2 | 1SNA116795R1100 | 10         | 8.00                |
| 6           | Test sockets           | DIA 2 mm                             | 0.079 in |                                                                                                 | AL2      | 1SNA163043R2100 | 50         | 0.90                |
|             |                        | DIA 3 mm                             | 0.120 in |                                                                                                 | AL3      | 1SNA163261R0000 | 50         | 1.20                |
|             |                        | DIA 4 mm                             | 0.157 in |                                                                                                 | AL4-M3   | 1SNA206721R0100 | 50         | 1.10                |
| 7           | Test plugs             | DIA 2 mm                             | 0.079 in | Black        | FC2      | 1SNA007865R2600 | 100        |                     |
|             |                        | DIA 4 mm                             | 0.157 in | White        | FC4      | 1SNA167860R0100 | 10         |                     |
| 8           | Protecting covers      | Length 1 m                           | 39.3 in  | Transparent  | CPV1-2   | 1SNA176816R1200 | 1          |                     |
|             |                        | Length 500 mm                        | 19.70 in |                                                                                                 | CPM      | 1SNA187312R1400 | 1          |                     |
| 9           | Terminal block markers | Blank card                           |          | White        | RC1010   | 1SNA238000R1600 | 1          | 1.30                |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

## Ground screw clamp terminal blocks

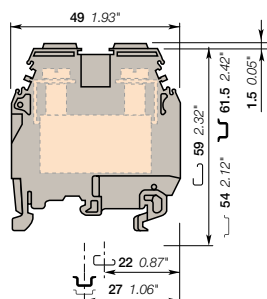
| Description |                                | Color                                                                                            | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------------------------|--------------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| Ground      | Profile aligned with M16/12... | Green-yellow  | M16/12.P | 1SNA165130R2300 | 20         | 40.00               |

Technical data valid for copper conductors only.

Feed-through - 16 mm 0.630 in spacing



M35/16



**16 mm 0.630 in spacing**

## Description

- Closed terminal block: no end section needed, optimized rigidity,
- Flexibility: snap onto symmetrical and asymmetrical rails,
- Use of jumper bars requires the user to cut out the partition.

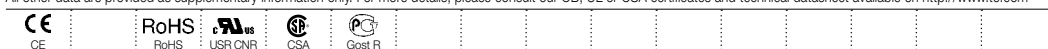
## Ordering details

| Description  |                             | Color                                                                                    | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|--------------|-----------------------------|------------------------------------------------------------------------------------------|----------|-----------------|------------|-------------------|
| Feed-through | Closed block with partition | Grey    | M35/16   | 1SNA115124R0700 | 20         | 50.00             |
|              |                             | Blue    | M35/16.N | 1SNA125124R0100 | 20         | 50.00             |
|              |                             | Yellow  | M35/16   | 1SNA105124R1600 | 20         | 50.00             |
|              |                             | Red     | M35/16   | 1SNA400195R2200 | 20         | 50.00             |
|              |                             | White   | M35/16   | 1SNA400196R2300 | 20         | 50.00             |
|              |                             | Black   | M35/16   | 1SNA400194R2100 | 20         | 50.00             |
|              |                             | Beige   | M35/16   | 1SNA195124R0000 | 20         | 50.00             |

## Main technical data

| Connecting capacity                            |                                 | IEC            | UL            | CSA           | Rail                  |  | G32, TH 35-7.5,<br>TH 35-15                            |
|------------------------------------------------|---------------------------------|----------------|---------------|---------------|-----------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>1 conductor per clamp</b>                   | Rigid - Solid / Stranded        | 6-50 mm²       | 10-0 AWG      | 10-0 AWG      | Wire stripping length |  | 17 mm<br>0.669 in                                      |
|                                                | Flexible with insulated ferrule | 6-35 mm²       |               |               |                       |                                                                                     |                                                        |
|                                                | Gauge                           | B9             |               |               | Tool                  |  | Flat screwdriver<br>Ø 6.5 - 7 mm<br>Ø 0.255 - 0.276 in |
|                                                |                                 |                |               |               |                       |                                                                                     |                                                        |
| <b>Rated current / Rated cross section</b>     |                                 | 125 A / 35 mm² | 150 A / 0 AWG | 150 A / 0 AWG | Torque                |  | 2.8 - 3 N.m<br>24.9 - 26.7 lb.in                       |
| <b>Rated short-time withstand current (1s)</b> |                                 | 4200 A         |               |               |                       |                                                                                     |                                                        |
| <b>Rated voltage</b>                           |                                 | 1000 V         | 600 V         | 600 V         |                       |                                                                                     |                                                        |
| <b>Impulse withstand voltage</b>               |                                 | 8000 V         |               |               |                       |                                                                                     |                                                        |
| <b>Protection</b>                              |                                 | IP10           | NEMA          |               |                       |                                                                                     |                                                        |

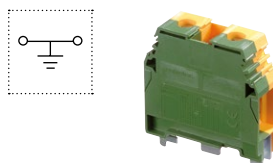
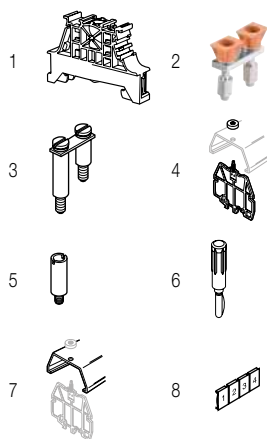
The connecting capacity data for one Rigid / Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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



## Accessories

| Description |                          |                                                                           |                      | Color                                                                                           | Type                                            | Part Number                                                                                 | Pkg<br>qty                 | Weight<br>(1 pce)                         |
|-------------|--------------------------|---------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------|
| 1           | End stops                | 10 mm<br>9 mm                                                             | 0.394 in<br>0.354 in | Grey         | BAM4<br>BAZ1                                    | 1SNK900001R0000<br>1SNK900002R0000                                                          | 50<br>50                   | 12.00<br>4.70                             |
| 2           | Jumper bars              | 2 poles<br>3 poles<br>4 poles<br>5 poles<br>10 poles                      | 125 A                | Orange       | JB16-2<br>JB16-3<br>JB16-4<br>JB16-5<br>JB16-10 | 1SNK916302R0000<br>1SNK916303R0000<br>1SNK916304R0000<br>1SNK916305R0000<br>1SNK916310R0000 | 10<br>10<br>10<br>10<br>10 | 10.20<br>16.00<br>21.80<br>27.60<br>56.60 |
| 3           | Cross spacing<br>jumpers | Universal screw jumper bar kit N°I<br>Universal screw jumper bar kit N°II |                      |                                                                                                 | BJDP1<br>BJDP2                                  | 1SNA179623R0300<br>1SNA179624R0400                                                          | 10<br>10                   | 7.00<br>6.00                              |
| 4           | Circuit separators       | 3 mm                                                                      | 0.118 in             | Grey         | SCFCV1-2                                        | 1SNA116795R1100                                                                             | 10                         | 8.00                                      |
| 5           | Test sockets             | DIA 4 mm                                                                  | 0.157 in             |                                                                                                 | AL4-M4                                          | 1SNA206723R0300                                                                             | 50                         | 1.30                                      |
| 6           | Test plugs               | DIA 4 mm                                                                  | 0.157 in             | White        | FC4                                             | 1SNA167860R0100                                                                             | 10                         |                                           |
| 7           | Protecting covers        | Length 1 m                                                                | 39 in                | Transparent  | CPV1-2                                          | 1SNA176816R1200                                                                             | 1                          |                                           |
| 8           | Terminal block markers   | Blank card                                                                |                      | White        | RC1010                                          | 1SNA238000R1600                                                                             | 10                         | 1.30                                      |

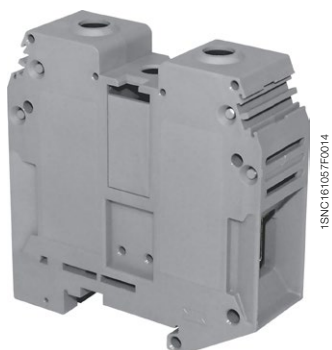
Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



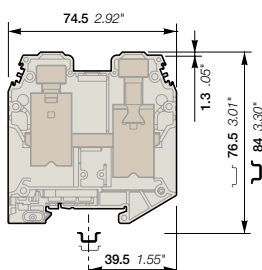
## Ground screw clamp terminal blocks

| Description |                                | Color                                                                                            | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------------------------|--------------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| Ground      | Profile aligned with M35/16... | Green-yellow  | M35/16.P | 1SNA165111R1400 | 20         | 50.50               |

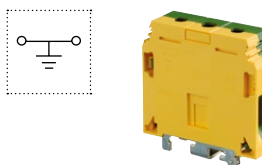
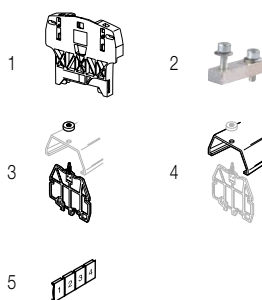
Feed-through - 22 mm 0.866 in spacing



D70/22



22 mm 0.866 in spacing



## Description

- Closed terminal block: no end section needed, optimized rigidity,
- Use of jumper bars requires the user to cut out the partition.

## Ordering details

| Description  |              | Color                                                                                    | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------|--------------|------------------------------------------------------------------------------------------|-----------|-----------------|------------|---------------------|
| Feed-through | Closed block | Grey    | D70/22    | 1SNA400305R1000 | 10         | 158,10              |
|              |              | Blue    | D70/22.N  | 1SNA400306R1100 | 10         | 158,10              |
|              |              | Yellow  | D70/22.YL | 1SNA400789R0000 | 10         | 158,10              |

## Main technical data

| Connecting capacity                            |                          | IEC            | UL             | CSA            | Rail                  |  | TH 35-7.5,<br>TH 35-15            |
|------------------------------------------------|--------------------------|----------------|----------------|----------------|-----------------------|-------------------------------------------------------------------------------------|-----------------------------------|
| <b>1 conductor per clamp</b>                   | Rigid - Solid / Stranded | 16-95 mm²      | 4-00 AWG       | 4-00 AWG       | Wire stripping length |  | 25 mm<br>0.98 in                  |
|                                                | Flexible                 | 16-70 mm²      |                |                |                       |                                                                                     |                                   |
|                                                | with insulated ferrule   |                |                |                | Tool                  |  | Allen key<br>Ø 6 mm<br>Ø 0.236 in |
|                                                | Gauge                    | B11            |                |                |                       |                                                                                     |                                   |
| <b>Rated current / Rated cross section</b>     |                          | 192 A / 70 mm² | 159 A / 00 AWG | 159 A / 00 AWG | Torque                |  | 6 - 7 N.m<br>53.4 - 62.3 lb.in    |
| <b>Rated short-time withstand current (1s)</b> |                          | 8400 A         |                |                |                       |                                                                                     |                                   |
| <b>Rated voltage</b>                           |                          | 1000 V         | 600 V          | 600 V          |                       |                                                                                     |                                   |
| <b>Impulse withstand voltage</b>               |                          | 8000 V         |                |                |                       |                                                                                     |                                   |
| <b>Protection</b>                              |                          | IP10           | NEMA           |                |                       |                                                                                     |                                   |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>



## Accessories

| Description |                        |                               |          | Color                                           | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------|-------------------------------|----------|-------------------------------------------------|---------|-----------------|------------|---------------------|
| 1           | End stops              | 12 mm                         | 0.472 in | Grey <input type="checkbox"/>                   | BAZH-1  | 1SNK900102R0000 | 50         | 24.00               |
| 2           | Jumper bars            | 2 poles                       | 192 A    |                                                 | 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              |
| 3           | Circuit separators     | 3 mm                          | 0.118 in | Grey <input type="checkbox"/>                   | SCFCV4  | 1SNA116797R1300 | 10         |                     |
| 4           | Protecting covers      | Transparent, length 1 m 39 in |          | Transparent <input checked="" type="checkbox"/> | CPV4-5  | 1SNA176791R2100 | 1          |                     |
| 5           | Terminal block markers | Blank card                    |          | White <input type="checkbox"/>                  | RC1010  | 1SNA238000R1600 | 1          | 1.30                |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings; complete information in the accessories catalogue pages.

## Ground screw clamp terminal blocks

| Description |                                | Color                                                                                            | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------------------------|--------------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| Ground      | Profile aligned with D70/22... | Green-yellow  | D70/22.P | 1SNA400772R1300 | 10         | 222.00              |

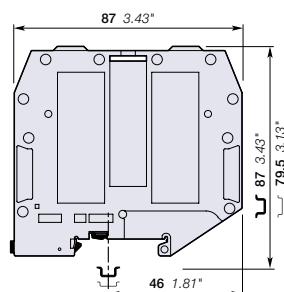
Technical data valid for copper conductors only.

# D95/26 screw clamp terminal blocks

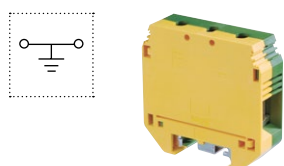
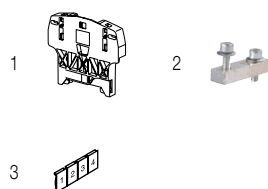
## Feed-through - 26 mm 1.024 in spacing



D95/26



26 mm 1.024 in spacing



### Description

- Closed terminal block: no end section needed, optimized rigidity,
- 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 partition | Grey   | D95/26    | 1SNA400370R2400 | 10      | 215.00           |
|                                          | Blue   | D95/26.N  | 1SNA400371R1100 | 10      | 215.00           |
|                                          | Yellow | D95/26.YL | 1SNA400791R0000 | 10      | 215.00           |

### Main technical data

| Connecting capacity                     | IEC                      | UL               | CSA              |
|-----------------------------------------|--------------------------|------------------|------------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded | 35-120 mm²       | 2-0000 AWG       |
|                                         | Flexible                 | 35-95 mm²        | 2-0000 AWG       |
|                                         | with insulated ferrule   |                  |                  |
| Gauge                                   | B12                      |                  |                  |
| Rated current / Rated cross section     | 232 A / 95 mm²           | 230 A / 0000 AWG | 230 A / 0000 AWG |
| Rated short-time withstand current (1s) | 11400 A                  |                  |                  |
| Rated voltage                           | 1000 V                   | 600 V            | 600 V            |
| Impulse withstand voltage               | 8000 V                   |                  |                  |
| Protection                              | IP10                     | NEMA             |                  |

### Mounting instructions

|                       |  |                               |
|-----------------------|--|-------------------------------|
| Rail                  |  | TH 35-7.5, TH 35-15           |
| Wire stripping length |  | 26 mm 1.02 in                 |
| Tool                  |  | Allen key Ø 6 mm Ø 0.236 in   |
| Torque                |  | 9 - 9.5 N.m 79.5 - 83.9 lb.in |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | USF | CSA | PC | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|------|-----|-----|----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

### Accessories

| Description                         | Color | Type    | Part Number     | Pkg qty | Weight (1 pce) g |
|-------------------------------------|-------|---------|-----------------|---------|------------------|
| 1 End stops                         | Grey  | BAZH1   | 1SNK900102R0000 | 50      | 24.00            |
| 2 Jumper bars                       |       | JB26-2  | 1SNK926302R0000 | 5       | 41.20            |
|                                     |       | JB26-3  | 1SNK926303R0000 | 5       | 65.70            |
|                                     |       | JB26-5  | 1SNK926305R0000 | 5       | 115.70           |
|                                     |       | JB26-10 | 1SNK926310R0000 | 5       | 241.50           |
| 3 Terminal block markers Blank card | White | RC1010  | 1SNA238000R1600 | 1       | 1.30             |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

### Ground screw clamp terminal blocks

| Description                           | Color        | Type     | Part Number     | Pkg qty | Weight (1 pce) g |
|---------------------------------------|--------------|----------|-----------------|---------|------------------|
| Ground Profile aligned with D95/26... | Green-yellow | D95/26.P | 1SNA400620R1700 | 10      | 278.00           |

Technical data valid for copper conductors only.

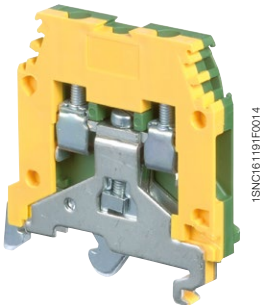




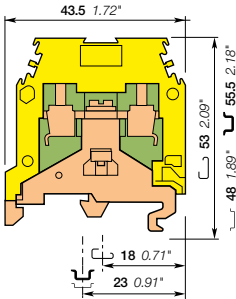
MA2.5/5.P screw clamp terminal blocks

Ground - 5 mm 0.197 in spacing

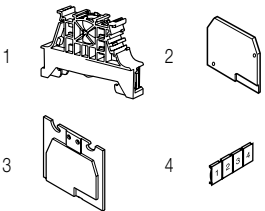
|                                                                                  |                                                                                   |                     |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------------|
|  |  | 2.5 mm <sup>2</sup> |
|                                                                                  |                                                                                   | 12 AWG              |



MA2.5/5.P



5 mm 0.197 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

| Description                  | Color        | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|------------------------------|--------------|-----------|-----------------|------------|---------------------|
| Ground Screw rail connection | Green-yellow | MA2.5/5.P | 1SNA165488R2700 | 50         | 18.00               |

Main technical data

| Connecting capacity                                   |                              | IEC                      | UL        | CSA       | Mounting instructions      |                                     |
|-------------------------------------------------------|------------------------------|--------------------------|-----------|-----------|----------------------------|-------------------------------------|
| 1 conductor per clamp                                 | Rigid - Solid / Stranded     | 0.2-4 mm <sup>2</sup>    | 22-12 AWG | 22-12 AWG | Rail                       | G32, TH 35-7.5, TH 35-15            |
|                                                       | Flexible                     | 0.22-2.5 mm <sup>2</sup> |           |           | Wire stripping length      | 10 mm 0.39 in                       |
|                                                       | with insulated ferrule Gauge | A3                       |           |           | Screw clamp Tool           | Flat screwdriver Ø 3.5 mm Ø 0.14 in |
| Rated cross section                                   |                              | 2.5 mm <sup>2</sup>      | 12 AWG    | 12 AWG    | Torque                     | 0.4 - 0.6 N.m 3.5 - 5.3 lb.in       |
| Rated short-time withstand current (I <sub>ts</sub> ) |                              | 300 A                    |           |           | Rail connection screw Tool | Flat screwdriver Ø 3.5 mm Ø 0.14 in |
|                                                       |                              |                          |           |           | Torque                     | 0.6 N.m 5.5 lb.in                   |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | UL | cCSAus | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | UL | cCSAus | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

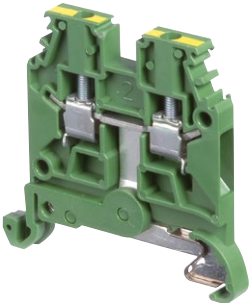
| Description              | Color | Type  | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------|-------|-------|-----------------|------------|---------------------|
| 1 End stops              | Grey  | BAM4  | 1SNK900001R0000 | 50         | 12.00               |
|                          |       | BAZ1  | 1SNK900002R0000 | 50         | 4.70                |
| 2 End sections           | Grey  | FEM6  | 1SNA118368R1600 | 20         | 2.40                |
| 3 Circuit separators     | Grey  | SCF6  | 1SNA118707R0300 | 20         |                     |
| 4 Terminal block markers | White | RC510 | 1SNA231000R0700 | 1          | 5.20                |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

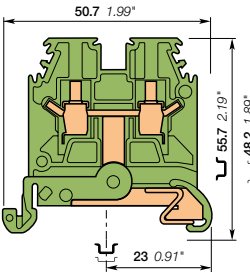
Technical data valid for copper conductors only.

D2.5/5.P screw clamp terminal blocks
Ground - 5 mm 0.197 in spacing

Table with 2 columns: Diagram and Specifications. Specifications include 2.5 mm² and 12 AWG.



D2.5/5.P



5 mm 0.197 in spacing

Description

- Screwless rail contact,
- Reliable electrical and mechanical contact with the rail.

Ordering details

Table with 6 columns: Description, Color, Type, Part Number, Pkg qty, Weight (1 pce). Row 1: Ground, Screwless rail connection, Green-yellow, D2.5/5.P, 1SNA165909R0500, 50, 10.00.

Main technical data

Table with 4 columns: Connecting capacity, IEC, UL, CSA. Rows include 1 conductor per clamp (Rigid - Solid / Stranded, Flexible, with insulated ferrule, Gauge A3), Rated cross section (2.5 mm²), and Rated short-time withstand current (1s) (300 A).

Mounting instructions

Table with 2 columns: Rail, Wire stripping length, Screw clamp Tool, Torque. Includes diagrams for wire stripping and screw clamping.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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

Table with 10 columns for compliance: CE, RoHS, UL, Gost R, and others.

Accessories

Table with 6 columns: Description, Color, Type, Part Number, Pkg qty, Weight (1 pce). Rows include End stops, End sections, Circuit separators, and Terminal block markers.

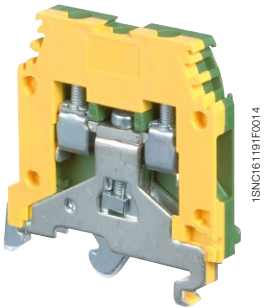
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

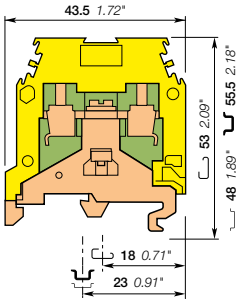
M4/6.P screw clamp terminal blocks

Ground - 6 mm 0.236 in spacing

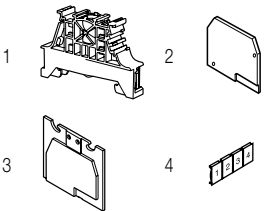
|                                                                                  |                                                                                   |                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|
|  |  | 4 mm <sup>2</sup> |
|                                                                                  |                                                                                   | 12 AWG            |



M4/6.P



6 mm 0.236 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

| Description                  | Color        | Type   | Part Number     | Pkg qty | Weight (1 pce) |
|------------------------------|--------------|--------|-----------------|---------|----------------|
| Ground Screw rail connection | Green-yellow | M4/6.P | 1SNA165113R1600 | 50      | 21.00          |

Main technical data

| Connecting capacity                     |                              | IEC                    | UL        | CSA       | Mounting instructions      |                                   |
|-----------------------------------------|------------------------------|------------------------|-----------|-----------|----------------------------|-----------------------------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded     | 0.2-4 mm <sup>2</sup>  | 22-12 AWG | 18-12 AWG | Rail                       | G32, TH 35-7.5, TH 35-15          |
|                                         | Flexible                     | 0.22-4 mm <sup>2</sup> |           |           | Wire stripping length      | 9.5 mm 0.37 in                    |
|                                         | with insulated ferrule Gauge | A4                     |           |           | Screw clamp Tool           | Flat screwdriver Ø 4 mm Ø 0.16 in |
| Rated cross section                     |                              | 4 mm <sup>2</sup>      | 12 AWG    | 12 AWG    | Torque                     | 0.5 - 0.8 N.m 4.4 - 7.1 lb.in     |
| Rated short-time withstand current (1s) |                              | 480 A                  |           |           | Rail connection screw Tool | Flat screwdriver Ø 4 mm Ø 0.16 in |
|                                         |                              |                        |           |           | Torque                     | 0.8 N.m 7 lb.in                   |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | USR | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

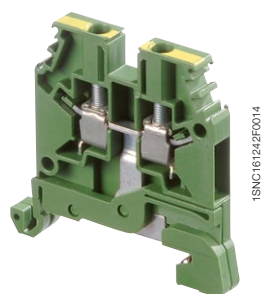
| Description              | Color | Type  | Part Number     | Pkg qty | Weight (1 pce) |
|--------------------------|-------|-------|-----------------|---------|----------------|
| 1 End stops              | Grey  | BAM4  | 1SNK900001R0000 | 50      | 12.00          |
|                          |       | BAZ1  | 1SNK900002R0000 | 50      | 4.70           |
| 2 End sections           | Grey  | FEM6  | 1SNA118368R1600 | 20      | 2.40           |
| 3 Circuit separators     | Grey  | SCF6  | 1SNA118707R0300 | 20      |                |
| 4 Terminal block markers | White | RC610 | 1SNA233000R0100 | 1       | 7.50           |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.



Ground - 6 mm 0.236 in spacing

[illegible]

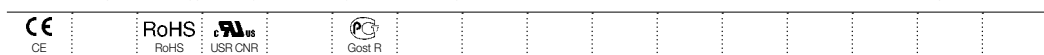
- Screwless rail contact,
- Reliable electrical and mechanical contact with the rail.

| Description |                           | Color                                                                                          | Type  | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-------------|---------------------------|------------------------------------------------------------------------------------------------|-------|-----------------|------------|-------------------|
| Ground      | Screwless rail connection | Green-yellow  | D/4,P | 1SNA165809R0100 | 50         | 12.00             |

| Connecting capacity                                       |                          | IEC                    | UL        | CSA |
|-----------------------------------------------------------|--------------------------|------------------------|-----------|-----|
| <b>1 conductor<br/>per clamp</b>                          | Rigid - Solid / Stranded | 0.2-4 mm <sup>2</sup>  | 24-12 AWG |     |
|                                                           | Flexible                 | 0.22-4 mm <sup>2</sup> |           |     |
|                                                           | with insulated ferrule   |                        |           |     |
|                                                           | Gauge                    | A4                     |           |     |
|                                                           |                          |                        |           |     |
|                                                           |                          |                        |           |     |
| <b>Rated cross section</b>                                |                          | 4 mm <sup>2</sup>      | 12 AWG    |     |
| <b>Rated short-time withstand current (I<sub>s</sub>)</b> |                          | 480 A                  |           |     |
|                                                           |                          |                        |           |     |
|                                                           |                          |                        |           |     |

|                       |                                                                                     |                                         |
|-----------------------|-------------------------------------------------------------------------------------|-----------------------------------------|
| Rail                  |  | TH 35-7.5,<br>TH 35-15                  |
| Wire stripping length |  | 9.5 mm<br>0.37 in                       |
| Screw clamp Tool      |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.16 in |
| Torque                |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in        |
|                       |                                                                                     |                                         |
|                       |                                                                                     |                                         |
|                       |                                                                                     |                                         |

 CE
  RoHS
  UL
  Gost R



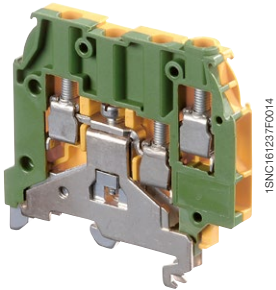
| Description |                        |            |          | Color                                                                                     | Type  | Part Number     | Pkg<br>qty      | Weight<br>(1 pce) g |
|-------------|------------------------|------------|----------|-------------------------------------------------------------------------------------------|-------|-----------------|-----------------|---------------------|
| 1           | End stops              | 10 mm      | 0.394 in | Grey   | BAM4  | 1SNK900001R0000 | 50              | 12.00               |
|             |                        | 9 mm       | 0.354 in |                                                                                           |       | BAZ1            | 1SNK900002R0000 | 50                  |
| 2           | End sections           | 2.8 mm     | 0.110 in | Grey   | FEM6  | 1SNA118368R1600 | 20              | 2.40                |
| 3           | Terminal block markers | Blank card |          | White  | RC610 | 1SNA233000R0100 | 1               | 7.50                |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

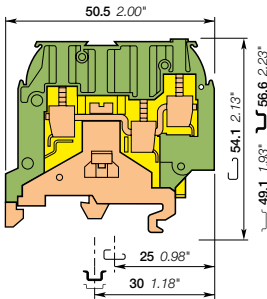
M4/6.3A.P screw clamp terminal blocks

Ground - 6 mm 0.236 in spacing

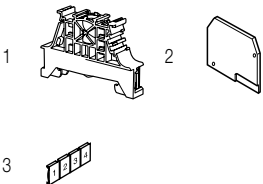
|                                                                                  |                                                                                   |               |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|
|  |  | <b>4 mm²</b>  |
|                                                                                  |                                                                                   | <b>12 AWG</b> |



M4/6.3A.P



6 mm 0.236 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

| Description                  | Color        | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) <b>g</b> |
|------------------------------|--------------|-----------|-----------------|------------|----------------------------|
| Ground Screw rail connection | Green-yellow | M4/6.3A.P | 1SNA195637R1200 | 50         | 22.00                      |

Main technical data

| Connecting capacity                                   |                          | IEC        | UL | CSA       | Mounting instructions         |                                         |
|-------------------------------------------------------|--------------------------|------------|----|-----------|-------------------------------|-----------------------------------------|
| 1 conductor<br>per clamp                              | Rigid - Solid / Stranded | 0.2-4 mm²  |    | 24-12 AWG | Rail                          | G32, TH 35-7.5,<br>TH 35-15             |
|                                                       | Flexible                 | 0.22-4 mm² |    |           | Wire stripping<br>length      | 9.5 mm<br>0.37 in                       |
|                                                       | with insulated ferrule   |            |    |           | Screw clamp<br>Tool           | Flat screwdriver<br>Ø 4 mm<br>Ø 0.16 in |
|                                                       | Gauge                    | A4         |    |           | Torque                        | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in        |
| Rated cross section                                   |                          | 4 mm²      |    | 12 AWG    | Rail connection screw<br>Tool | Flat screwdriver<br>Ø 4 mm<br>Ø 0.16 in |
| Rated short-time withstand current (I <sub>ts</sub> ) |                          | 480 A      |    |           | Torque                        | 0.8 N.m<br>7 lb.in                      |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.  
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 | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

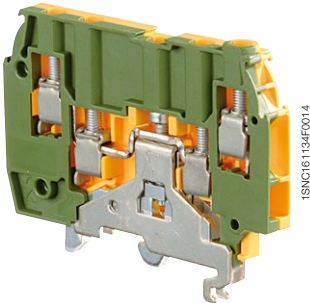
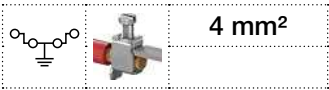
| Description              | Color | Type  | Part Number     | Pkg<br>qty | Weight<br>(1 pce) <b>g</b> |
|--------------------------|-------|-------|-----------------|------------|----------------------------|
| 1 End stops              | Grey  | BAM4  | 1SNK900001R0000 | 50         | 12.00                      |
|                          |       | BAZ1  | 1SNK900002R0000 | 50         | 4.70                       |
| 2 End sections           | Grey  | FEM3A | 1SNA116576R1500 | 20         | 3.30                       |
| 3 Terminal block markers | White | RC610 | 1SNA233000R0100 | 1          | 7.50                       |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

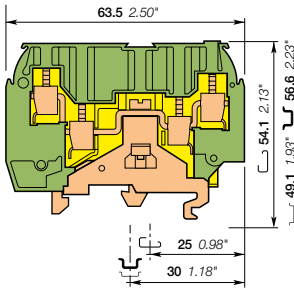
Technical data valid for copper conductors only.

M4/6.4A.P screw clamp terminal blocks

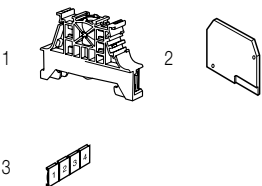
Ground - 6 mm 0.236 in spacing



M4/6.4A.P



6 mm 0.236 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

| Description                  | Color        | Type      | Part Number     | Pkg qty | Weight (1 pce) g |
|------------------------------|--------------|-----------|-----------------|---------|------------------|
| Ground Screw rail connection | Green-yellow | M4/6.4A.P | 1SNA195638R2300 | 50      | 22.00            |

Main technical data

| Connecting capacity                     |                              | IEC        | UL | CSA | Mounting instructions      |                                   |
|-----------------------------------------|------------------------------|------------|----|-----|----------------------------|-----------------------------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded     | 0.2-4 mm²  |    |     | Rail                       | G32, TH 35-7.5, TH 35-15          |
|                                         | Flexible                     | 0.22-4 mm² |    |     | Wire stripping length      | 9.5 mm 0.37 in                    |
|                                         | with insulated ferrule Gauge | A4         |    |     | Screw clamp Tool           | Flat screwdriver Ø 4 mm Ø 0.16 in |
| Rated cross section                     |                              | 4 mm²      |    |     | Torque                     | 0.5 - 0.8 N.m 4.4 - 7.1 lb.in     |
| Rated short-time withstand current (1s) |                              | 480 A      |    |     | Rail connection screw Tool | Flat screwdriver Ø 4 mm Ø 0.16 in |
|                                         |                              |            |    |     | Torque                     | 0.8 N.m 7 lb.in                   |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |  |  |  |  |  |  |  |
| CE | RoHS | Gost R |  |  |  |  |  |  |  |

Accessories

| Description              | Color | Type  | Part Number     | Pkg qty | Weight (1 pce) g |
|--------------------------|-------|-------|-----------------|---------|------------------|
| 1 End stops              | Grey  | BAM4  | 1SNK900001R0000 | 50      | 12.00            |
|                          |       | BAZ1  | 1SNK900002R0000 | 50      | 4.70             |
| 2 End sections           | Grey  | FEM4A | 1SNA116629R2200 | 20      | 3.80             |
| 3 Terminal block markers | White | RC610 | 1SNA233000R0100 | 1       | 7.50             |

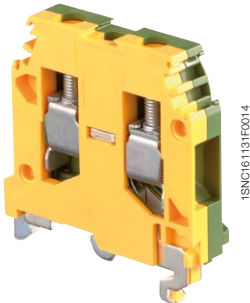
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

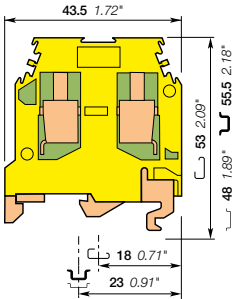
M6/8.P screw clamp terminal blocks

Ground - 8 mm 0.315 in spacing

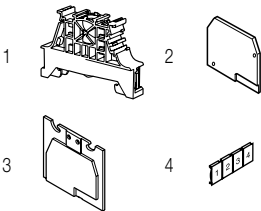
|                                                                                  |                                                                                   |                   |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|
|  |  | 6 mm <sup>2</sup> |
|                                                                                  |                                                                                   | 8 AWG             |



M6/8.P



8 mm 0.315 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

| Description                  | Color        | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|------------------------------|--------------|--------|-----------------|------------|---------------------|
| Ground Screw rail connection | Green-yellow | M6/8.P | 1SNA165114R1700 | 50         | 26.00               |

Main technical data

| Connecting capacity                                  |                          | IEC                    | UL       | CSA      | Mounting instructions         |                                                    |
|------------------------------------------------------|--------------------------|------------------------|----------|----------|-------------------------------|----------------------------------------------------|
| 1 conductor<br>per clamp                             | Rigid - Solid / Stranded | 0.5-10 mm <sup>2</sup> | 22-8 AWG | 24-8 AWG | Rail                          | G32, TH 35-7.5,<br>TH 35-15                        |
|                                                      | Flexible                 | 0.5-6 mm <sup>2</sup>  |          |          | Wire stripping<br>length      | 12 mm<br>0.47 in                                   |
|                                                      | with insulated ferrule   |                        |          |          | Screw clamp<br>Tool           | Flat screwdriver<br>Ø 4 - 5 mm<br>Ø 0.16 - 0.20 in |
|                                                      | Gauge                    | A5                     |          |          | Torque                        | 0.8 - 1 N.m<br>7.1 - 8.9 lb.in                     |
| Rated cross section                                  |                          | 6 mm <sup>2</sup>      | 8 AWG    | 8 AWG    | Rail connection screw<br>Tool | Flat screwdriver<br>Ø 4 mm<br>Ø 0.16 in            |
| Rated short-time withstand current (I <sub>s</sub> ) |                          | 720 A                  |          |          | Torque                        | 0.8 N.m<br>7 lb.in                                 |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

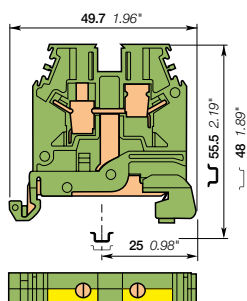
Accessories

| Description              | Color | Type  | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------|-------|-------|-----------------|------------|---------------------|
| 1 End stops              | Grey  | BAM4  | 1SNK900001R0000 | 50         | 12.00               |
|                          |       | BAZ1  | 1SNK900002R0000 | 50         | 4.70                |
| 2 End sections           | Grey  | FEM6  | 1SNA118368R1600 | 20         | 2.40                |
| 3 Circuit separators     | Grey  | SCF6  | 1SNA118707R0300 | 20         |                     |
| 4 Terminal block markers | White | RC610 | 1SNA233000R0100 | 1          | 7.50                |

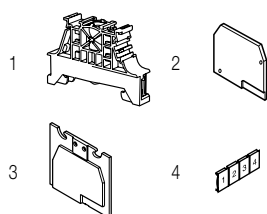
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

Ground - 8 mm 0.315 in spacing



8 mm 0.315 in spacing



- Screwless rail contact,
- Reliable electrical and mechanical contact with the rail.

| Description |                           | Color                                                                                          | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|---------------------------|------------------------------------------------------------------------------------------------|--------|-----------------|------------|---------------------|
| Ground      | Screwless rail connection | Green-yellow  | D6/8.P | 1SNA165830R2100 | 50         | 16.00               |

| Connecting capacity                            |                                 | IEC        | UL       | CSA | Rail                  |  | TH 35-7.5,<br>TH 35-15                             |
|------------------------------------------------|---------------------------------|------------|----------|-----|-----------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>1 conductor per clamp</b>                   | Rigid - Solid / Stranded        | 0.2-10 mm² | 24-8 AWG |     | Wire stripping length |  | 12 mm                                              |
|                                                | Flexible with insulated ferrule | 0.22-6 mm² |          |     |                       |                                                                                     | 0.47 in                                            |
|                                                | Gauge                           | A5         |          |     | Screw clamp Tool      |  | Flat screwdriver<br>Ø 4 - 5 mm<br>Ø 0.16 - 0.20 in |
|                                                |                                 |            |          |     | Torque                |  | 0.8 - 1 N.m<br>7.1 - 8.9 lb.in                     |
| <b>Rated cross section</b>                     |                                 | 6 mm²      | 8 AWG    |     |                       |                                                                                     |                                                    |
| <b>Rated short-time withstand current (1s)</b> |                                 | 720 A      |          |     |                       |                                                                                     |                                                    |
|                                                |                                 |            |          |     |                       |                                                                                     |                                                    |
|                                                |                                 |            |          |     |                       |                                                                                     |                                                    |
|                                                |                                 |            |          |     |                       |                                                                                     |                                                    |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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
  UL US
  PC
  Gost R

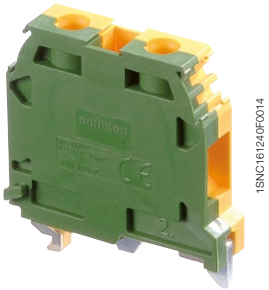
| Description |                        |            |          | Color                                                                                     | Type  | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------|------------|----------|-------------------------------------------------------------------------------------------|-------|-----------------|------------|---------------------|
| 1           | End stops              | 10 mm      | 0.394 in | Grey   | BAM4  | 1SNK900001R0000 | 50         | 12.00               |
|             |                        | 9 mm       | 0.354 in |                                                                                           | BAZ1  | 1SNK900002R0000 | 50         | 4.70                |
| 2           | End sections           | 2.8 mm     | 0.110 in | Grey   | FEM6  | 1SNA118368R1600 | 20         | 2.40                |
| 3           | Circuit separators     | 3 mm       | 0.118 in | Grey   | SCF6  | 1SNA118707R0300 | 20         |                     |
| 4           | Terminal block markers | Blank card |          | White  | RC810 | 1SNA234000R0200 | 1          | 8.20                |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

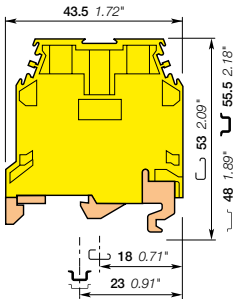
M10/10.P screw clamp terminal blocks

Ground - 10 mm 0.394 in spacing

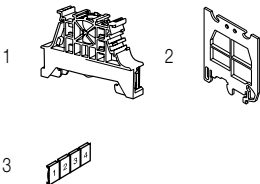
|                                                                                  |                                                                                   |                                          |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------|
|  |  | <b>10 mm<sup>2</sup></b><br><b>6 AWG</b> |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------|



M10/10.P



10 mm 0.394 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

| Description                  | Color        | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) <b>g</b> |
|------------------------------|--------------|----------|-----------------|------------|----------------------------|
| Ground Screw rail connection | Green-yellow | M10/10.P | 1SNA165115R1000 | 50         | 29.00                      |

Main technical data

| Connecting capacity                     |                          | IEC                    | UL       | CSA      | Mounting instructions         |                                                                                                         |
|-----------------------------------------|--------------------------|------------------------|----------|----------|-------------------------------|---------------------------------------------------------------------------------------------------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded | 0.5-16 mm <sup>2</sup> | 20-6 AWG | 18-8 AWG | Rail                          | G32, TH 35-7.5,<br>TH 35-15                                                                             |
|                                         | Flexible                 | 0.5-10 mm <sup>2</sup> |          |          | Wire stripping<br>length      | <br>12 mm<br>0.47 in |
|                                         | with insulated ferrule   |                        |          |          | Screw clamp<br>Tool           | Flat screwdriver<br>Ø 5.5 - 6 mm<br>Ø 0.22 - 0.24 in                                                    |
|                                         | Gauge                    | B6                     |          |          | Torque                        | 1.2 - 1.4 N.m<br>10.6 - 12.4 lb.in                                                                      |
| Rated cross section                     |                          | 10 mm <sup>2</sup>     | 6 AWG    | 8 AWG    | Rail connection screw<br>Tool | Flat screwdriver<br>Ø 4 mm<br>Ø 0.16 in                                                                 |
| Rated short-time withstand current (1s) |                          | 1200 A                 |          |          | Torque                        | 0.8 N.m<br>7 lb.in                                                                                      |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.  
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 | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

| Description                 | Color | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) <b>g</b> |
|-----------------------------|-------|--------|-----------------|------------|----------------------------|
| 1 End stops                 | Grey  | BAM4   | 1SNK900001R0000 | 50         | 12.00                      |
|                             |       | BAZ1   | 1SNK900002R0000 | 50         | 4.70                       |
| 2 Circuit separators        | Grey  | SCFM6  | 1SNA114825R0500 | 20         | 4.00                       |
| 3 Terminal block<br>markers | White | RC810  | 1SNA234000R0200 | 1          | 8.20                       |
|                             |       | RC1010 | 1SNA238000R1600 | 1          | 1.30                       |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

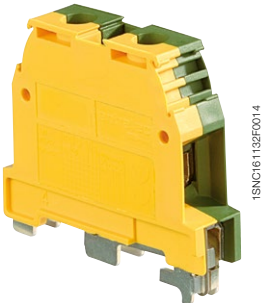
Technical data valid for copper conductors only.



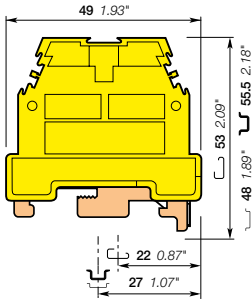
M16/12.P screw clamp terminal blocks

Ground - 12 mm 0.472 in spacing

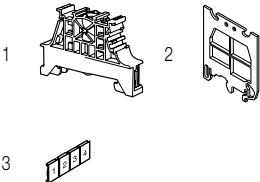
|                                                                                   |                                                                                   |               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|
|  |  | <b>16 mm²</b> |
|                                                                                   |                                                                                   | <b>4 AWG</b>  |



M16/12.P



12 mm 0.472 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

| Description | Color                 | Type         | Part Number | Pkg qty         | Weight (1 pce) |
|-------------|-----------------------|--------------|-------------|-----------------|----------------|
| Ground      | Screw rail connection | Green-yellow | M16/12.P    | 1SNA165130R2300 | 20 40.00       |

Main technical data

| Connecting capacity                     |                              | IEC        | UL       | CSA      | Mounting instructions      |                                     |
|-----------------------------------------|------------------------------|------------|----------|----------|----------------------------|-------------------------------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded     | 2.5-25 mm² | 14-4 AWG | 10-6 AWG | Rail                       | G32, TH 35-7.5, TH 35-15            |
|                                         | Flexible                     | 2.5-16 mm² |          |          | Wire stripping length      | 14 mm 0.55 in                       |
|                                         | with insulated ferrule Gauge | B7         |          |          | Screw clamp Tool           | Flat screwdriver Ø 5.5 mm Ø 0.22 in |
| Rated cross section                     |                              | 16 mm²     | 4 AWG    | 6 AWG    | Torque                     | 1.2 - 1.4 N.m 10.6 - 12.4 lb.in     |
| Rated short-time withstand current (1s) |                              | 1920 A     |          |          | Rail connection screw Tool | Flat screwdriver Ø 5.5 mm Ø 0.22 in |
|                                         |                              |            |          |          | Torque                     | 1 N.m 9 lb.in                       |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | USR | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

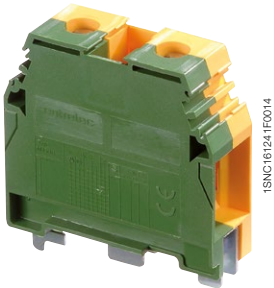
| Description              | Color | Type   | Part Number     | Pkg qty | Weight (1 pce) |
|--------------------------|-------|--------|-----------------|---------|----------------|
| 1 End stops              | Grey  | BAM4   | 1SNK900001R0000 | 50      | 12.00          |
|                          |       | BAZ1   | 1SNK900002R0000 | 50      | 4.70           |
| 2 Circuit separators     | Grey  | SCFM6  | 1SNA114825R0500 | 20      | 4.00           |
| 3 Terminal block markers | White | RC810  | 1SNA234000R0200 | 10      | 8.20           |
|                          |       | RC1010 | 1SNA238000R1600 | 10      | 1.30           |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

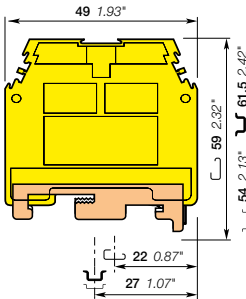
Technical data valid for copper conductors only.

M35/16.P screw clamp terminal blocks
Ground - 16 mm 0.630 in spacing

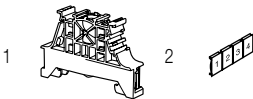
Diagram showing a terminal block connection with a wire and a screw. The wire is labeled 35 mm² and 0 AWG.



M35/16.P



16 mm 0.630 in spacing



Description

- Reliable electrical and mechanical contact with the rail,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

Table with 6 columns: Description, Color, Type, Part Number, Pkg qty, Weight (1 pce). Row 1: Ground, Screw rail connection, Green-yellow, M35/16.P, 1SNA165111R1400, 20, 50.50.

Main technical data

Table with 4 columns: Connecting capacity, IEC, UL, CSA. Rows include 1 conductor per clamp (Rigid - Solid / Stranded, Flexible, with insulated ferrule, Gauge), Rated cross section, and Rated short-time withstand current (1s).

Mounting instructions

Table with 2 columns: Rail, Wire stripping length, Screw clamp Tool, Torque, Rail connection screw Tool, Torque. Includes diagrams for wire stripping and screw tightening.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>

Table with 10 columns showing various certification logos: CE, RoHS, USR, CSA, Gost R, and others.

Accessories

Table with 6 columns: Description, Color, Type, Part Number, Pkg qty, Weight (1 pce). Rows include 1 End stops (10 mm, 9 mm) and 2 Terminal block markers (Blank card).

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

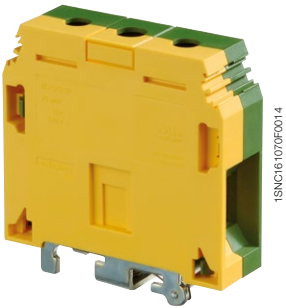
Technical data valid for copper conductors only.



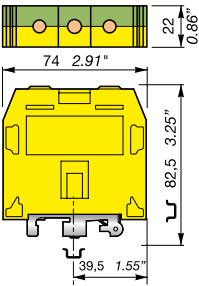
D70/22.P screw clamp terminal blocks

Ground - 22 mm 0.866 in spacing

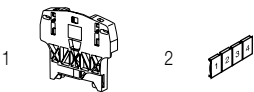
|                                                                                   |                                                                                   |               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|
|  |  | <b>70 mm²</b> |
|                                                                                   |                                                                                   | <b>00 AWG</b> |



D70/22.P



22 mm 0.866 in spacing



Description

Reliable electrical and mechanical contact with the rail.

Ordering details

| Description | Color                 | Type                                                                                           | Part Number | Pkg<br>qty      | Weight<br>(1 pce) g |
|-------------|-----------------------|------------------------------------------------------------------------------------------------|-------------|-----------------|---------------------|
| Ground      | Screw rail connection | Green-yellow  | D70/22.P    | 1SNA400772R1300 | 10 222.00           |

Main technical data

| Connecting capacity                     |                          | IEC       | UL       | CSA      | Mounting instructions      |                                                                                                                                               |
|-----------------------------------------|--------------------------|-----------|----------|----------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded | 16-95 mm² | 4-00 AWG | 4-00 AWG | Rail                       |  TH 35-15                                                  |
|                                         | Flexible                 | 16-70 mm² |          |          | Wire stripping length      |  25 mm 0.984 in                                            |
|                                         | with insulated ferrule   |           |          |          | Screw clamp Tool           |  Allen key Ø 6 mm Ø 0.236 in 6 - 7 N.m 53.4 - 62.3 lb.in   |
|                                         | Gauge                    | B11       |          |          | Torque                     |                                                            |
| Rated cross section                     |                          | 70 mm²    | 00 AWG   | 00 AWG   | Rail connection screw Tool |  Allen key Ø 4 mm Ø 0.158 in 1.8 - 2 N.m 15.9 - 17.7 lb.in |
| Rated short-time withstand current (1s) |                          | 8400 A    | 8088 A   | 8088 A   | Torque                     |                                                            |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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                                                                              | UL                                                                                | CSA                                                                               | Gost R                                                                            |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

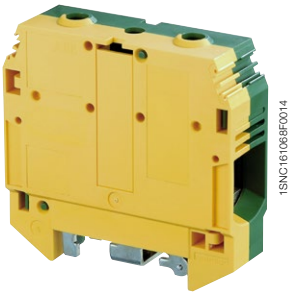
| Description              | Color      | Type     | Part Number                                                                                      | Pkg<br>qty      | Weight<br>(1 pce) g |
|--------------------------|------------|----------|--------------------------------------------------------------------------------------------------|-----------------|---------------------|
| 1 End stops              | 12 mm      | 0.472 in | Grey  BAZH1   | 1SNA900102R0000 | 50 24.00            |
| 2 Terminal block markers | Blank card |          | White  RC1010 | 1SNA238000R1600 | 1 1.30              |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

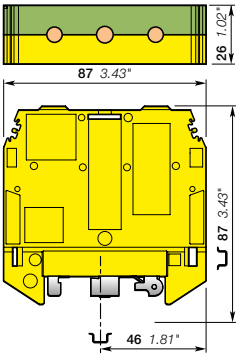
Technical data valid for copper conductors only.

D95/26.P screw clamp terminal blocks

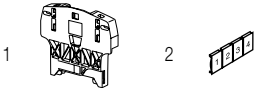
Ground - 26 mm 1.024 in spacing



D95/26.P



26 mm 1.024 in spacing



Description

Reliable electrical and mechanical contact with the rail.

Ordering details

| Description                  | Color        | Type     | Part Number     | Pkg qty | Weight (1 pce) g |
|------------------------------|--------------|----------|-----------------|---------|------------------|
| Ground Screw rail connection | Green-yellow | D95/26.P | 1SNA400620R1700 | 10      | 278.00           |

Main technical data

| Connecting capacity                     |                          | IEC        | UL         | CSA        |
|-----------------------------------------|--------------------------|------------|------------|------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded | 35-120 mm² | 2-0000 AWG | 2-0000 AWG |
|                                         | Flexible                 | 35-95 mm²  |            |            |
|                                         | with insulated ferrule   |            |            |            |
|                                         | Gauge                    | B12        |            |            |
| Rated cross section                     |                          | 95 mm²     | 0000 AWG   | 0000 AWG   |
| Rated short-time withstand current (1s) |                          | 11400 A    | 12840 A    | 12840 A    |

Mounting instructions

|                            |  |                                                           |
|----------------------------|--|-----------------------------------------------------------|
| Rail                       |  | TH 35-15                                                  |
| Wire stripping length      |  | 26 mm 1.023 in                                            |
| Screw clamp Tool           |  | Allen key Ø 6 mm Ø 0.236 in 9 - 9.5 N.m 79.5 - 83.9 lb.in |
| Torque                     |  |                                                           |
| Rail connection screw Tool |  | Allen key Ø 4 mm Ø 0.158 in 1.8 - 2 N.m 15.9 - 17.7 lb.in |
| Torque                     |  |                                                           |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

| Description                         | Color | Type   | Part Number     | Pkg qty | Weight (1 pce) g |
|-------------------------------------|-------|--------|-----------------|---------|------------------|
| 1 End stops 12 mm 0.472 in          | Grey  | BAZH1  | 1SNK900102R0000 | 50      | 24.00            |
| 2 Terminal block markers Blank card | White | RC1010 | 1SNA238000R1600 | 1       | 1.30             |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.



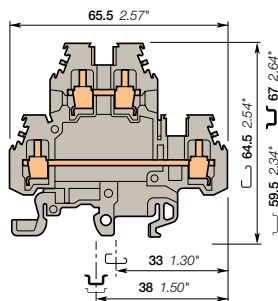
## MA2.5/5.D2 screw clamp terminal blocks

Double deck - 5 mm 0.197 in spacing

|  |  |                           |
|--|--|---------------------------|
|  |  | <b>2.5 mm<sup>2</sup></b> |
|  |  | <b>12 AWG</b>             |



MA2.5/5.D2



5 mm 0.197 in spacing

### Description

- Save space with double deck terminal blocks: 2 independent circuits connected in just 5 mm 0.197 in spacing,
- Flexibility: snap onto symmetrical and asymmetrical rails.

### Ordering details

| Description                          | Color | Type         | Part Number     | Pkg qty | Weight (1 pce) |
|--------------------------------------|-------|--------------|-----------------|---------|----------------|
| Feed-through 2 feed-through circuits | Grey  | MA2.5/5.D2   | 1SNA115490R1300 | 50      | 15.00          |
|                                      | Blue  | MA2.5/5.D2.N | 1SNA125490R1500 | 50      | 15.00          |
|                                      | Beige | MA2.5/5.D2   | 1SNA195490R1400 | 50      | 15.00          |

### Main technical data

| Connecting capacity                     | IEC                        | UL                       | CSA           |
|-----------------------------------------|----------------------------|--------------------------|---------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded   | 0.2-4 mm <sup>2</sup>    | 22-12 AWG     |
|                                         | Flexible                   | 0.22-2.5 mm <sup>2</sup> | 20-12 AWG     |
|                                         | with insulated ferrule     |                          |               |
|                                         | Gauge                      | A3                       |               |
| Rated current / Rated cross section     | 24 A / 2.5 mm <sup>2</sup> | 20 A / 12 AWG            | 25 A / 12 AWG |
| Rated short-time withstand current (1s) | 300 A                      |                          |               |
| Rated voltage                           | 630 V                      | 300 V                    | 300 V         |
| Impulse withstand voltage               | 8000 V                     |                          |               |
| Protection                              | IP20                       | NEMA 1                   |               |

### Mounting instructions

|                       |  |                                            |
|-----------------------|--|--------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                   |
| Wire stripping length |  | 9 mm 0.354 in                              |
| Tool                  |  | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque                |  | 0.4 - 0.6 N.m<br>3.5 - 5.3 lb.in           |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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|    |      |    |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|------|----|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| CE | RoHS | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | UL | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### Accessories

| Description                                          | Color | Type      | Part Number     | Pkg qty | Weight (1 pce) |
|------------------------------------------------------|-------|-----------|-----------------|---------|----------------|
| 1 End stops 12 mm 0.472 in                           | Grey  | BAZH1     | 1SNK900102R0000 | 50      | 24.00          |
| 2 End sections 1 mm 0.039 in                         | Grey  | FEM6D     | 1SNA118499R2300 | 20      | 2.70           |
| 3 Jumper bars 2 poles 24 A                           |       | BJMI5D-2  | 1SNA176736R2100 | 10      | 2.00           |
|                                                      |       | BJMI5D-3  | 1SNA176737R2200 | 10      | 3.00           |
|                                                      |       | BJMI5D-4  | 1SNA176738R0300 | 10      | 4.00           |
|                                                      |       | BJMI5D-5  | 1SNA176739R0400 | 10      | 6.00           |
|                                                      |       | BJMI5D-10 | 1SNA176740R1100 | 10      | 12.00          |
| 4 Lateral jumper bars 2 poles 30 A                   | Grey  | PC5-2     | 1SNA113542R1000 | 10      | 1.80           |
|                                                      |       | PC5-10    | 1SNA113544R1200 | 10      | 6.00           |
| 5 Insulating tips For lateral jumper bars type PC... |       | EIP       | 1SNA113550R2400 | 10      |                |
| 6 Circuit separators 0 mm 0 in                       | Grey  | SCMA5D    | 1SNA116720R2100 | 10      |                |
| 7 Shield connectors                                  |       | CBM5D     | 1SNA173530R2400 | 50      |                |
| 8 Inner deck jumper bars                             |       | ITV5      | 1SNA176259R1300 | 20      | 2.00           |
| 9 Terminal block markers Blank card                  | White | RC510     | 1SNA231000R0700 | 10      | 5.20           |

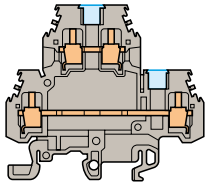
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

MA2.5/5.D2 screw clamp terminal blocks

Double deck - 5 mm 0.197 in Spacing



5 mm 0.197 in Spacing



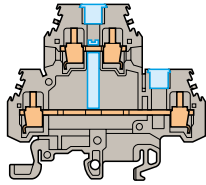
With partition

Ordering Details

| Description               |  | Color  | Type         | Part Number     | Pkg    | Weight    |
|---------------------------|--|--------|--------------|-----------------|--------|-----------|
| Feed-through              |  | Grey   | MA2.5/5.D2.1 | 1SNA115491R0000 | 50     | 15.00     |
|                           |  |        |              |                 | qty    | (1 pce) g |
| Main Technical Data       |  | IEC    | UL           | CSA             | Nota   |           |
| Rated voltage             |  | 630 V  | 300 V        | 300 V           |        |           |
| Impulse withstand voltage |  | 8000 V |              |                 |        |           |
| Protection                |  | IP20   | NEMA 1       |                 |        |           |
| CE                        |  | RoHS   | USR          | CSA             | Gost R |           |
|                           |  |        |              |                 |        |           |

Accessories

| Description    |  | Color | Type | Part Number     | Pkg | Weight    |
|----------------|--|-------|------|-----------------|-----|-----------|
| 1 Test Sockets |  |       | AL2  | 1SNA164950R0000 | 50  |           |
| 2 Test Plugs   |  | Black | FC2  | 1SNA007865R2600 | 100 |           |
|                |  |       |      |                 | qty | (1 pce) g |



5 mm 0.197 in Spacing



With vertical interconnection and partition

Ordering Details

| Description               |  | Color  | Type         | Part Number     | Pkg  | Weight    |
|---------------------------|--|--------|--------------|-----------------|------|-----------|
| Feed-through              |  | Grey   | MA2.5/5.D1.1 | 1SNA115530R1200 | 50   | 15.00     |
|                           |  |        |              |                 | qty  | (1 pce) g |
| Main Technical Data       |  | IEC    | UL           | CSA             | Nota |           |
| Rated voltage             |  | 630 V  |              | 300 V           |      |           |
| Impulse withstand voltage |  | 8000 V |              |                 |      |           |
| Protection                |  | IP20   | NEMA 1       |                 |      |           |
| CE                        |  | RoHS   | CSA          | Gost R          |      |           |
|                           |  |        |              |                 |      |           |

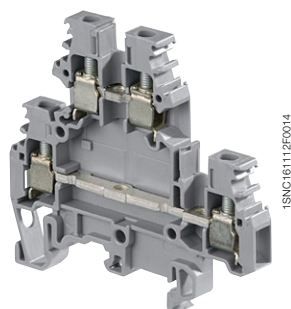
Accessories

| Description    |  | Color | Type | Part Number     | Pkg | Weight    |
|----------------|--|-------|------|-----------------|-----|-----------|
| 1 Test Sockets |  |       | AL2  | 1SNA164950R0000 | 50  |           |
| 2 Test Plugs   |  | Black | FC2  | 1SNA007865R2600 | 100 |           |
|                |  |       |      |                 | qty | (1 pce) g |

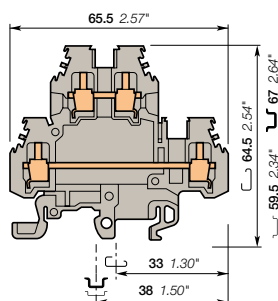
Technical data valid for copper conductors only.

## M4/6.D2 screw clamp terminal blocks

Double deck - 6 mm 0.236 in spacing



M4/6.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,
- Flexibility: snap onto symmetrical and asymmetrical rails.

### Ordering details

| Description                          | Color  | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------------------|--------|-----------|-----------------|------------|---------------------|
| Feed-through 2 feed-through circuits | Grey   | M4/6.D2   | 1SNA115271R2200 | 50         | 20.00               |
|                                      | Blue   | M4/6.D2.N | 1SNA125271R2400 | 50         | 20.00               |
|                                      | Orange | M4/6.D2   | 1SNA105049R0600 | 50         | 20.00               |
|                                      | Yellow | M4/6.D2   | 1SNA105045R2200 | 50         | 20.00               |
|                                      | Green  | M4/6.D2   | 1SNA105044R2100 | 50         | 20.00               |
|                                      | Red    | M4/6.D2   | 1SNA105048R0500 | 50         | 20.00               |
|                                      | White  | M4/6.D2   | 1SNA105046R2300 | 50         | 20.00               |
|                                      | Black  | M4/6.D2   | 1SNA105047R2400 | 50         | 20.00               |
|                                      | Beige  | M4/6.D2   | 1SNA195271R2300 | 50         | 20.00               |

### Main technical data

| Connecting capacity                     |                          | IEC          | UL            | CSA           |
|-----------------------------------------|--------------------------|--------------|---------------|---------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded | 0.2-4 mm²    | 22-12 AWG     | 24-10 AWG     |
|                                         | Flexible                 | 0.22-4 mm²   |               |               |
|                                         | with insulated ferrule   |              |               |               |
|                                         | Gauge                    | A4           |               |               |
| Rated current / Rated cross section     |                          | 32 A / 4 mm² | 20 A / 12 AWG | 25 A / 10 AWG |
| Rated short-time withstand current (1s) |                          | 480 A        |               |               |
| Rated voltage                           |                          | 800 V        | 300 V         | 600 V         |
| Impulse withstand voltage               |                          | 8000 V       |               |               |
| Protection                              |                          | IP20         | NEMA 1        |               |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | USR | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### Mounting instructions

|                       |  |                                          |
|-----------------------|--|------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
| Wire stripping length |  | 8.5 mm<br>0.33 in                        |
| Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in         |

### Accessories

| Description              | Color | Type                                          | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------|-------|-----------------------------------------------|-----------------|------------|---------------------|
| 1 End stops              | Grey  | BAZH1                                         | 1SNK900102R0000 | 50         | 24.00               |
| 2 End sections           | Grey  | FEM6D                                         | 1SNA118499R2300 | 20         | 2.70                |
| 3 Jumper bars            |       | 2 poles                                       | BJMI6D-2        | 10         | 4.00                |
|                          |       | 3 poles                                       | BJMI6D-3        | 10         | 6.00                |
|                          |       | 4 poles                                       | BJMI6D-4        | 10         | 8.00                |
|                          |       | 5 poles                                       | BJMI6D-5        | 10         | 10.00               |
|                          |       | 10 poles                                      | BJMI6D-10       | 10         | 20.00               |
| 4 Lateral jumper bars    |       | 10 poles                                      | PC61-10         | 10         | 5.00                |
| 5 Cross spacing jumpers  |       | 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in | EL6             | 10         | 0.10                |
| 6 Circuit separators     | Grey  | 0 mm                                          | SCM6D           | 10         | 0.30                |
|                          |       | 1 mm                                          | SCF6D           | 20         |                     |
| 7 Shield connectors      |       |                                               | CBM5D           | 50         |                     |
| 8 Terminal block markers | White | Blank card                                    | RC610           | 1          | 7.50                |

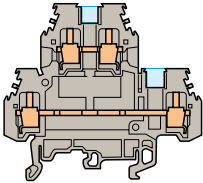
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

M4/6.D2 screw clamp terminal blocks

Double deck - 6 mm 0.236 in spacing



6 mm 0.236 in spacing



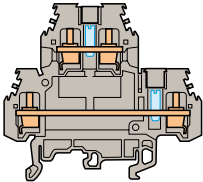
With partition

Ordering details

| Description                                                                             |                                                                                           | Color                                                                                     | Type                                                                                     | Part Number                                                                                 | Pkg | Weight |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----|--------|
| Feed-through                                                                            | 2 feed-through circuits with partition                                                    | Grey     | M4/6.D2.1                                                                                | 1SNA115126R0100                                                                             | 50  | 20.00  |
|                                                                                         |                                                                                           | Blue     | M4/6.D2.1.N                                                                              | 1SNA125126R0300                                                                             | 50  | 20.00  |
| Main technical data                                                                     |                                                                                           | IEC                                                                                       | UL                                                                                       | CSA                                                                                         |     |        |
| Rated voltage                                                                           |                                                                                           | 800 V                                                                                     | 300 V                                                                                    | 600 V                                                                                       |     |        |
| Impulse withstand voltage                                                               |                                                                                           | 8000 V                                                                                    |                                                                                          |                                                                                             |     |        |
| Protection                                                                              |                                                                                           | IP20                                                                                      | NEMA 1                                                                                   |                                                                                             |     |        |
| <br>CE | <br>RoHS | <br>ULSR | <br>CSA | <br>Gost R |     |        |

Accessories

| Description |              | Color | Type | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|--------------|-------|------|-----------------|------------|---------------------|
| 1           | Test sockets |       | AL2  | 1SNA163070R0000 | 50         |                     |
|             |              |       | AL3  | 1SNA163261R0000 | 50         | 1.20                |
| 2           | Test plugs   | Black | FC2  | 1SNA007865R2600 | 100        |                     |



6 mm 0.236 in spacing



With test socket DIA 2 mm 0.079 in

Ordering details

| Description                                                                               |                                                                                             | Color                                                                                      | Type                                                                                          | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-----------------|------------|---------------------|
| Feed-through                                                                              | 2 feed-through circuits<br>with 2 tests sockets<br>DIA 2 mm 0.079 in                        | Grey    | M4/6.D2.2                                                                                     | 1SNA115322R1500 | 50         | 20.00               |
| Main technical data                                                                       |                                                                                             | IEC                                                                                        | UL                                                                                            | CSA             |            |                     |
| Rated voltage                                                                             |                                                                                             | 630 V                                                                                      |                                                                                               | 600 V           |            |                     |
| Impulse withstand voltage                                                                 |                                                                                             | 8000 V                                                                                     |                                                                                               |                 |            |                     |
| Protection                                                                                |                                                                                             | IP10                                                                                       | NEMA                                                                                          |                 |            |                     |
| <br>CE | <br>RoHS | <br>CSA | <br>Gost R |                 |            |                     |

Accessories

| Description |            | Color | Type | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------|-------|------|-----------------|------------|---------------------|
| 1           | Test plugs | Black | FC2  | 1SNA007865R2600 | 100        |                     |

Technical data valid for copper conductors only.



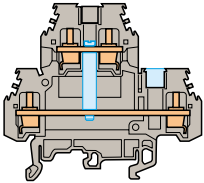
# M4/6.D1 screw clamp terminal blocks

## Double deck - 6 mm 0.236 in spacing




4 mm<sup>2</sup>

10 AWG



6 mm 0.236 in spacing



## With vertical interconnection and partition

### Ordering details

| Description                                                                     | Color  | Type      | Part Number     | Pkg   | Weight |
|---------------------------------------------------------------------------------|--------|-----------|-----------------|-------|--------|
| Feed-through 1 feed-through circuit with vertical interconnection and partition | Grey   | M4/6.D1   | 1SNA115166R1100 | 50    | 20.00  |
|                                                                                 | Blue   | M4/6.D1.N | 1SNA125166R1300 | 50    | 20.00  |
| Main technical data                                                             |        |           |                 |       |        |
| Rated voltage                                                                   | 800 V  | IEC       | UL              | CSA   | Nota   |
| Impulse withstand voltage                                                       | 8000 V |           |                 | 600 V |        |
| Protection                                                                      | IP20   |           | NEMA 1          |       |        |
| <div> <div>CE</div> <div>RoHS</div> <div>CSA</div> <div>Gost R</div> </div>     |        |           |                 |       |        |

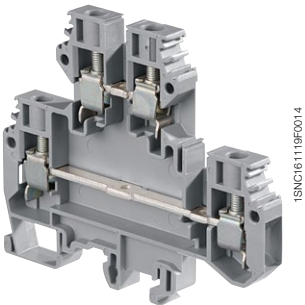
### Accessories

| Description    | Color | Type | Part Number     | Pkg | Weight |
|----------------|-------|------|-----------------|-----|--------|
| 1 Test sockets |       | AL2  | 1SNA163070R0000 | 50  |        |
|                |       | AL3  | 1SNA163261R0000 | 50  | 1.20   |
| 2 Test plugs   | Black | FC2  | 1SNA007865R2600 | 100 |        |

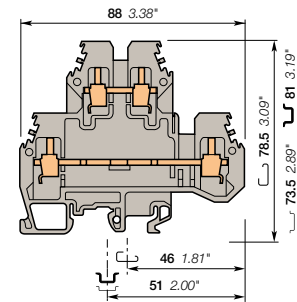
Technical data valid for copper conductors only.

M6/8.D screw clamp terminal blocks
Double deck - 8 mm 0.315 in spacing

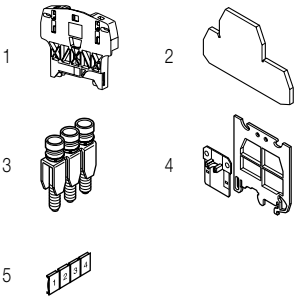
Diagram showing terminal block configuration with 6 mm² and 8 AWG labels.



M6/8.D



8 mm 0.315 in spacing



Description

- Save space with double deck terminal blocks: 2 independent circuits,
- Flexibility: snap onto symmetrical and asymmetrical rails.

Ordering details

Table with 6 columns: Description, Color, Type, Part Number, Pkg, Weight. It lists two part numbers: 1SNA115501R1200 and 1SNA195501R1300.

Main technical data

Table with 4 columns: Connecting capacity, IEC, UL, CSA. It lists technical specifications for 1 conductor per clamp, rated current, rated short-time withstand current, rated voltage, impulse withstand voltage, and protection.

Mounting instructions

Table with 2 columns: Rail, Wire stripping length, Tool, Torque. It provides instructions for mounting the terminal block on a rail, including wire stripping length and torque requirements.

Table with 10 columns showing various certification logos: CE, RoHS, RoHS, RoHS, RoHS, RoHS, RoHS, RoHS, RoHS, RoHS.

Accessories

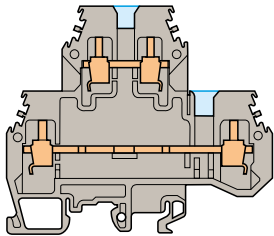
Table with 6 columns: Description, Color, Type, Part Number, Pkg, Weight. It lists various accessories for the terminal block, including end stops, end sections, jumper bars, circuit separators, and terminal block markers.

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

M6/8.D screw clamp terminal blocks

Double deck - 8 mm 0.315 in spacing



8 mm 0.315 in spacing



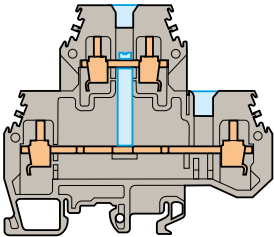
With partition

Ordering details

| Description               | Color  | Type      | Part Number     | Pkg    | Weight |
|---------------------------|--------|-----------|-----------------|--------|--------|
| Feed-through              | Grey   | M6/8.D2.1 | 1SNA115497R0600 | 50     | 33.00  |
| Main technical data       |        |           |                 |        |        |
| Rated voltage             | 800 V  | 600 V     | 600 V           | Nota   |        |
| Impulse withstand voltage | 8000 V |           |                 |        |        |
| Protection                | IP20   | NEMA 1    |                 |        |        |
| CE                        | RoHS   | UL        | CSA             | Gost R |        |

Accessories

| Description    | Color | Type | Part Number     | Pkg | Weight |
|----------------|-------|------|-----------------|-----|--------|
| 1 Test sockets |       | AL2  | 1SNA163043R2100 | 50  | 0.90   |
|                |       | AL3  | 1SNA163261R0000 | 50  | 1.20   |
| 2 Test plugs   | Black | FC2  | 1SNA007865R2600 | 100 |        |
|                | White | FC4  | 1SNA167860R0100 | 10  |        |



8 mm 0.315 in spacing



With vertical interconnection and partition

Ordering details

| Description               | Color  | Type    | Part Number     | Pkg    | Weight |
|---------------------------|--------|---------|-----------------|--------|--------|
| Feed-through              | Grey   | M6/8.D1 | 1SNA115498R1700 | 50     | 36.00  |
| Main technical data       |        |         |                 |        |        |
| Rated voltage             | 800 V  | 600 V   | 600 V           | Nota   |        |
| Impulse withstand voltage | 8000 V |         |                 |        |        |
| Protection                | IP20   | NEMA 1  |                 |        |        |
| CE                        | RoHS   | UL      | CSA             | Gost R |        |

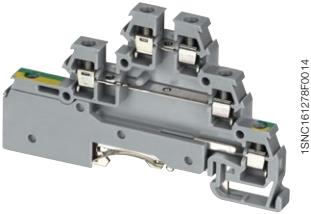
Accessories

| Description    | Color | Type | Part Number     | Pkg | Weight |
|----------------|-------|------|-----------------|-----|--------|
| 1 Test sockets |       | AL2  | 1SNA163043R2100 | 50  | 0.90   |
|                |       | AL3  | 1SNA163261R0000 | 50  | 1.20   |
| 2 Test plugs   | Black | FC2  | 1SNA007865R2600 | 100 |        |
|                | White | FC4  | 1SNA167860R0100 | 10  |        |

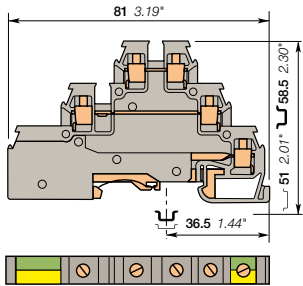
Technical data valid for copper conductors only.

D2.5/6.DP screw clamp terminal blocks
Double deck + ground - 6 mm 0.236 in spacing

Table with 2 columns: Diagram and Specifications. Specifications include 2.5 mm² and 12 AWG.



D2.5/6.DP



6 mm 0.236 in spacing

Description

- Save space with triple deck terminal blocks: 2 independent circuits in just 6 mm 0.236 in spacing,
- Adapted for 2 wires sensor/actuator with ground.

Ordering details

Table with 7 columns: Description, Color, Type, Part Number, Pkg, Weight. Row 1: Feed-through + ground, Grey/Green-Yellow, D2.5/6.DPA1, 1SNA115643R2700, 25, 16.00.

Main technical data

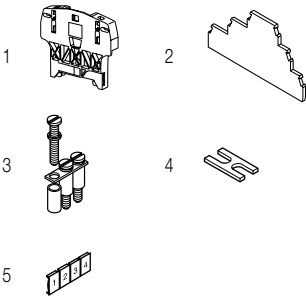
Table with 4 columns: Connecting capacity, IEC, UL, CSA. Rows include conductor types, rated current/cross section, short-time withstand current, rated voltage, impulse withstand voltage, and protection.

Mounting instructions

Table with 3 columns: Rail, Wire stripping length, Tool, Torque. Includes icons for rail type, wire stripping, and torque application.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only.

Table with 10 columns for various certification marks: CE, RoHS, UL, CSA, Gost R, etc.



Accessories

Table with 7 columns: Description, Color, Type, Part Number, Pkg, Weight. Rows include end stops, end sections, jumper bars, cross spacing jumpers, and terminal block markers.

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

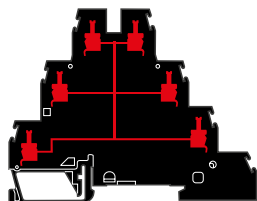
Technical data valid for copper conductors only.







Triple deck - 6 mm 0.236 in spacing



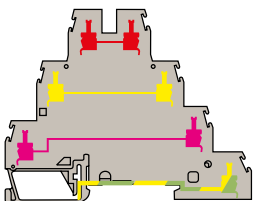
## Ordering details

| Main technical data       | IEC    | UL     | CSA |
|---------------------------|--------|--------|-----|
| Rated voltage             | 500 V  | 300 V  |     |
| Impulse withstand voltage | 6000 V |        |     |
| Protection                | IP20   | NEMA 1 |     |

Can not be fitted with accessories : test sockets, test plugs and jumper bars BJM62

## Accessories

| Description |             |         |      | Color                                                                                  | Type  | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-------------|-------------|---------|------|----------------------------------------------------------------------------------------|-------|-----------------|------------|-------------------|
| 1           | Jumper bars | 1 poles | 24 A | Grey  | AD2.5 | 1SNA114205R2000 | 50         | 1.60              |



## Ordering details

| Main technical data       | IEC    | UL     | CSA | Nota |
|---------------------------|--------|--------|-----|------|
| Rated voltage             | 500 V  | 300 V  |     |      |
| Impulse withstand voltage | 6000 V |        |     |      |
| Protection                | IP20   | NEMA 1 |     |      |






USNC161103S0201 - Rev.B

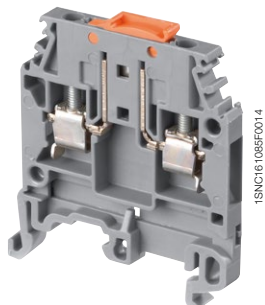




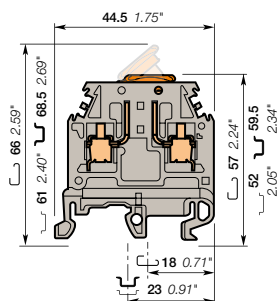
## MA2.5/5.SNB screw clamp terminal blocks

### Disconnect with blade - 5 mm 0.197 in spacing

|  |  |                           |
|--|--|---------------------------|
|  |  | <b>2.5 mm<sup>2</sup></b> |
|  |  | <b>12 AWG</b>             |



MA2.5/5.SNB



5 mm 0.197 in spacing

#### Description

- Ease your disconnect operations with the disconnect blade operated by hand or with screwdriver,
- Same profile as MA2.5/5 feed-through terminal block for aligned marking and identical end section use.

#### Ordering details

| Description | Color       | Type        | Part Number     | Pkg qty | Weight (1 pce) |
|-------------|-------------|-------------|-----------------|---------|----------------|
| Disconnect  | Grey-orange | MA2.5/5.SNB | 1SNA115699R2000 | 50      | 8.00           |

#### Main technical data

| Connecting capacity                                  |                          | IEC                        | UL     | CSA           |
|------------------------------------------------------|--------------------------|----------------------------|--------|---------------|
| 1 conductor per clamp                                | Rigid - Solid / Stranded | 0.5-4 mm <sup>2</sup>      |        | 28-12 AWG     |
|                                                      | Flexible                 | 0.5-2.5 mm <sup>2</sup>    |        |               |
|                                                      | with insulated ferrule   |                            |        |               |
| Gauge                                                |                          | A3                         |        |               |
| Rated current / Rated cross section                  |                          | 10 A / 2.5 mm <sup>2</sup> |        | 15 A / 12 AWG |
| Rated short-time withstand current (I <sub>s</sub> ) |                          | 120 A                      |        |               |
| Rated voltage                                        |                          | 320 V                      |        | 600 V         |
| Impulse withstand voltage                            |                          | 4000 V                     |        |               |
| Protection                                           |                          | IP20                       | NEMA 1 |               |

#### Mounting instructions

|                       |  |                                            |
|-----------------------|--|--------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                   |
| Wire stripping length |  | 10 mm<br>0.39 in                           |
| Tool                  |  | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque                |  | 0.4 - 0.6 N.m<br>3.5 - 5.3 lb.in           |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | CCSAus | Gost R |  |  |  |  |  |  |
| CE | RoHS | CCSAus | Gost R |  |  |  |  |  |  |

#### Accessories

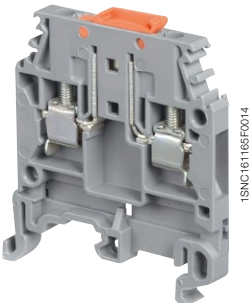
| Description                         | Color | Type   | Part Number     | Pkg qty | Weight (1 pce) |
|-------------------------------------|-------|--------|-----------------|---------|----------------|
| 1 End stops                         | Grey  | BAM4   | 1SNK900001R0000 | 50      | 12.00          |
|                                     |       | BAZ1   | 1SNK900002R0000 | 50      | 4.70           |
| 2 End sections                      | Grey  | FEM6   | 1SNA118368R1600 | 20      | 2.40           |
| 3 Lateral jumper bars               | Grey  | PC5-2  | 1SNA113542R1000 | 10      | 1.80           |
|                                     |       | PC5-10 | 1SNA113544R1200 | 10      | 6.00           |
| 4 Circuit separators                | Grey  | SCFM6  | 1SNA114825R0500 | 20      | 4.00           |
|                                     |       | SCF6   | 1SNA118707R0300 | 20      |                |
| 5 Shield connectors                 |       | CBM5   | 1SNA178745R1400 | 50      |                |
| 6 Terminal block markers Blank card | White | RC510  | 1SNA231000R0700 | 1       | 5.20           |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

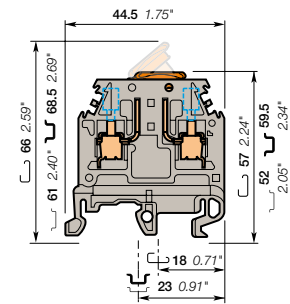
Technical data valid for copper conductors only.

# MA2.5/5.SNBT screw clamp terminal blocks

Disconnect with blade - with test socket - 5 mm 0.197 in spacing



MA2.5/5.SNBT



5 mm 0.197 in spacing

## Description

- Ease your test operations with the two built-in test socket,
- Ease your disconnect operations with the disconnect blade operated by hand or with screwdriver,
- Same profile as MA2.5/5 feed-through terminal block for aligned marking and identical end section use.

## Ordering details

| Description |                                             | Color       | Type          | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|---------------------------------------------|-------------|---------------|-----------------|------------|---------------------|
| Disconnect  | With 2 tests sockets<br>DIA 2 mm 0.079 in   | Grey-orange | MA2.5/5.SNBT  | 1SNA115700R0500 | 50         | 11.00               |
|             | With 2 tests sockets<br>DIA 2.3 mm 0.091 in | Grey-orange | MA2.5/5.SNBT  | 1SNA115701R2200 | 50         | 11.00               |
|             |                                             | Grey-grey   | MA2.5/5.SNBTA | 1SNA115505R1600 | 50         | 11.00               |
|             |                                             | Blue-grey   | MA2.5/5.SNBTA | 1SNA125505R1000 | 50         | 11.00               |

## Main technical data

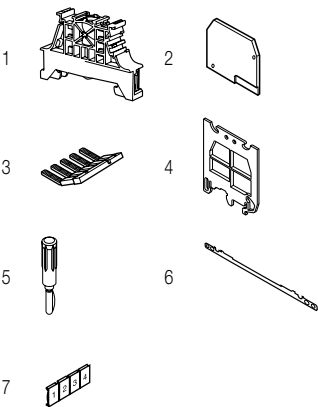
| Connecting capacity                     |                          | IEC            | UL   | CSA           |
|-----------------------------------------|--------------------------|----------------|------|---------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded | 0.5-4 mm²      |      | 28-12 AWG     |
|                                         | Flexible                 | 0.5-2.5 mm²    |      |               |
|                                         | with insulated ferrule   |                |      |               |
|                                         | Gauge                    | A3             |      |               |
| Rated current / Rated cross section     |                          | 10 A / 2.5 mm² |      | 15 A / 12 AWG |
| Rated short-time withstand current (1s) |                          | 120 A          |      |               |
| Rated voltage                           |                          | 320 V          |      | 600 V         |
| Impulse withstand voltage               |                          | 4000 V         |      |               |
| Protection                              |                          | IP10           | NEMA |               |

## Mounting instructions

|                       |  |                                            |
|-----------------------|--|--------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                   |
| Wire stripping length |  | 10 mm<br>0.39 in                           |
| Tool                  |  | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque                |  | 0.4 - 0.6 N.m<br>3.5 - 5.3 lb.in           |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | CSAus | Gost R |
| CE | RoHS | CSAus | Gost R |



## Accessories

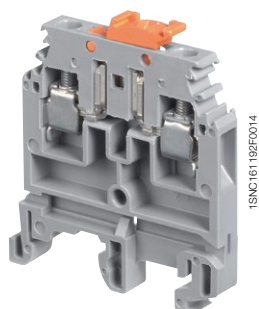
| Description              |                   | Color | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------|-------------------|-------|--------|-----------------|------------|---------------------|
| 1 End stops              | 10 mm 0.394 in    | Grey  | BAM4   | 1SNK900001R0000 | 50         | 12.00               |
|                          | 9 mm 0.354 in     | Grey  | BAZ1   | 1SNK900002R0000 | 50         | 4.70                |
| 2 End sections           | 2.8 mm 0.110 in   | Grey  | FEM6   | 1SNA118368R1600 | 20         | 2.40                |
| 3 Lateral jumper bars    | 2 poles 30 A      | Grey  | PC5-2  | 1SNA113542R1000 | 10         | 1.80                |
|                          | 10 poles          | Grey  | PC5-10 | 1SNA113544R1200 | 10         | 6.00                |
| 4 Circuit separators     | 3 mm 0.118 in     | Grey  | SCFM6  | 1SNA114825R0500 | 20         | 4.00                |
|                          |                   | Grey  | SCF6   | 1SNA118707R0300 | 20         |                     |
| 5 Test plugs             | DIA 2 mm 0.079 in | Black | FC2    | 1SNA007865R2600 | 100        |                     |
| 6 Shield connectors      |                   |       | CBM5   | 1SNA178745R1400 | 50         |                     |
| 7 Terminal block markers | Blank card        | White | RC510  | 1SNA231000R0700 | 1          | 5.20                |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.



Disconnect with blade - with test socket - 6 mm 0.236 in spacing

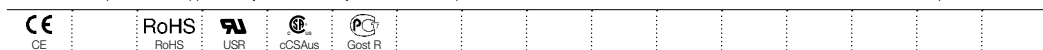


- Ease your test operations with the two built-in test sockets,
- Ease your disconnect operations with the disconnect blade operated by hand or with a screwdriver,
- Same profile as M4/6 feed-through terminal block for aligned marking.

| Description |                                             | Color                                                                                           | Type      | Part Number     | Pkg | Weight |
|-------------|---------------------------------------------|-------------------------------------------------------------------------------------------------|-----------|-----------------|-----|--------|
| Disconnect  | With 2 tests sockets<br>DIA 2 mm 0.079 in   | Grey, orange   | M4/6.SNBT | 1SNA115987R0100 | 50  | 11.00  |
|             |                                             | Grey, grey     | M4/6.SNBT | 1SNA115438R1200 | 50  | 11.00  |
|             |                                             | Beige, grey    | M4/6.SNBT | 1SNA195438R1300 | 50  | 11.00  |
|             | With 2 tests sockets<br>DIA 2.3 mm 0.091 in | Grey, orange   | M4/6.SNBT | 1SNA206538R0200 | 50  | 11.00  |
|             |                                             | Beige, orange  | M4/6.SNBT | 1SNA15495R0400  | 50  | 11.00  |
|             |                                             |                                                                                                 |           |                 |     |        |

| Connecting capacity                            |                                 | IEC                      | UL            | CSA           | Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
|------------------------------------------------|---------------------------------|--------------------------|---------------|---------------|-----------------------|-------------------------------------------------------------------------------------|------------------------------------------|
| <b>1 conductor per clamp</b>                   | Rigid - Solid / Stranded        | 0.5-4 mm <sup>2</sup>    | 22-10 AWG     | 24-10 AWG     | Wire stripping length |  | 9.5 mm<br>0.374 in                       |
|                                                | Flexible with insulated ferrule | 0.5-4 mm <sup>2</sup>    |               |               |                       |                                                                                     |                                          |
|                                                | Gauge                           | A4                       |               |               | Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
|                                                |                                 |                          |               |               |                       |                                                                                     |                                          |
| <b>Rated current / Rated cross section</b>     |                                 | 20 A / 4 mm <sup>2</sup> | 10 A / 10 AWG | 15 A / 10 AWG | Torque                |  | 0.5 - 0.6 N.m<br>4.4 - 5.3 lb.in         |
| <b>Rated short-time withstand current (1s)</b> |                                 | 300 A                    |               |               |                       |                                                                                     |                                          |
| <b>Rated voltage</b>                           |                                 | 400 V                    | 300 V         | 600 V         |                       |                                                                                     |                                          |
| <b>Impulse withstand voltage</b>               |                                 | 4000 V                   |               |               |                       |                                                                                     |                                          |
| <b>Protection</b>                              |                                 | IP20                     | NFMA 1        |               |                       |                                                                                     |                                          |

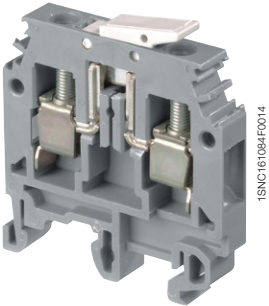
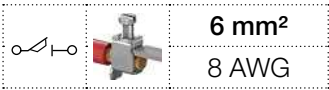
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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



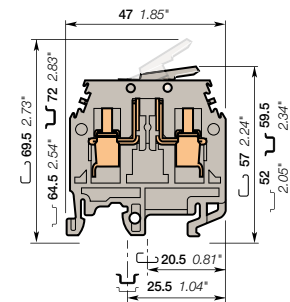
| Description |                        |            |          | Color                                                                                     | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------|------------|----------|-------------------------------------------------------------------------------------------|---------|-----------------|------------|---------------------|
| 1           | End stops              | 10 mm      | 0.394 in | Grey   | BAM4    | 1SNK900001R0000 | 50         | 12.00               |
|             |                        | 9 mm       | 0.354 in |                                                                                           | BAZ1    | 1SNK900002R0000 | 50         | 4.70                |
| 2           | End sections           | 3 mm       | 0.118 in | Grey   | FEM62   | 1SNA114994R0700 | 20         | 2.40                |
| 3           | Jumper bars            | 1 poles    | 24 A     | Grey   | AD2.5   | 1SNA114205R2000 | 50         | 1.60                |
| 4           | Lateral jumper bars    | 10 poles   | 35 A     |                                                                                           | PC61-10 | 1SNA163311R2200 | 10         | 5.00                |
| 5           | Circuit separators     | 3 mm       | 0.118 in | Grey   | SCFM6   | 1SNA114825R0500 | 20         | 4.00                |
| 6           | Test plugs             | DIA 2 mm   | 0.079 in | Black  | FC2     | 1SNA007865R2600 | 100        |                     |
| 7           | Shield connectors      |            |          |                                                                                           | CBM5    | 1SNA178745R1400 | 50         |                     |
| 8           | Terminal block markers | Blank card |          | White  | RC610   | 1SNA233000R0100 | 1          | 7.50                |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

M6/8.SNB screw clamp terminal blocks
Disconnect with blade - 8 mm 0.315 in spacing



M6/8.SNB



8 mm 0.315 in spacing

Description

- Ease your disconnect operations with the disconnect blade operated by hand or with screwdriver,
- Same profile as M6/8 feed-through terminal block for aligned marking.

Ordering details

Table with 6 columns: Description, Color, Type, Part Number, Pkg, Weight. It lists two variants of the disconnect terminal block with different color codes and part numbers.

Main technical data

Table with 4 columns: Connecting capacity, IEC, UL, CSA. It provides technical specifications for the terminal block, including conductor types, rated current, voltage, and protection level.

Mounting instructions

Table with 2 columns: Mounting instructions, Rail, Wire stripping length, Tool, Torque. It provides step-by-step instructions for installing the terminal block on a rail.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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

Table with 2 columns: CE, RoHS. It indicates compliance with CE and RoHS standards.

Accessories

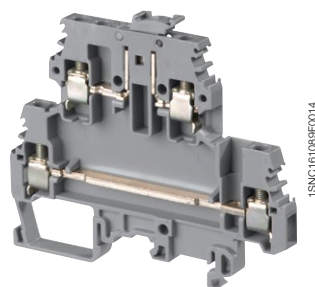
Table with 6 columns: Description, Color, Type, Part Number, Pkg, Weight. It lists various accessories for the terminal block, including end stops, jumper bars, circuit separators, and test plugs.

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

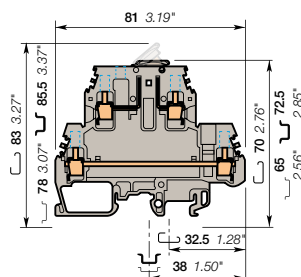


## M4/6.D2.SNBT screw clamp terminal blocks

Disconnect with blade - with test socket - 6 mm 0.236 in spacing



M4/6.D2.SNBT



6 mm 0.236 in spacing

### Description

- Save space with double deck terminal blocks: 1 disconnect circuit on top + 1 independent feed-through circuit on bottom in just 6 mm 0.236 in spacing,
- Ease your disconnect operations with the disconnect blade operated by hand or with screwdriver,
- Same profile as M4/6.D2 feed-through terminal block for aligned marking and identical end section use.

### Ordering details

| Description                                          | Color                         | Type         | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|------------------------------------------------------|-------------------------------|--------------|-----------------|------------|---------------------|
| Disconnect With 4 tests sockets<br>DIA 2 mm 0.079 in | Grey <input type="checkbox"/> | M4/6.D2.SNBT | 1SNA115561R1500 | 50         | 21.00               |

### Main technical data

| Connecting capacity                     |                          | IEC          | UL            | CSA           |
|-----------------------------------------|--------------------------|--------------|---------------|---------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded | 0.5-4 mm²    | 24-12 AWG     | 24-10 AWG     |
|                                         | Flexible                 | 0.5-4 mm²    |               |               |
|                                         | with insulated ferrule   |              |               |               |
|                                         | Gauge                    | A4           |               |               |
| Rated current / Rated cross section     |                          | 10 A / 4 mm² | 20 A / 12 AWG | 15 A / 10 AWG |
| Rated short-time withstand current (1s) |                          | 120 A        |               |               |
| Rated voltage                           |                          | 400 V        | 300 V         | 600 V         |
| Impulse withstand voltage               |                          | 4000 V       |               |               |
| Protection                              |                          | IP20         | NEMA 1        |               |

### Mounting instructions

|                          |  |                                          |
|--------------------------|--|------------------------------------------|
| Rail                     |  | G32, TH 35-7.5,<br>TH 35-15              |
| Wire stripping<br>length |  | 9.5 mm<br>0.374 in                       |
| Tool                     |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                   |  | 0.5 - 0.6 N.m<br>4.4 - 5.3 lb.in         |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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>

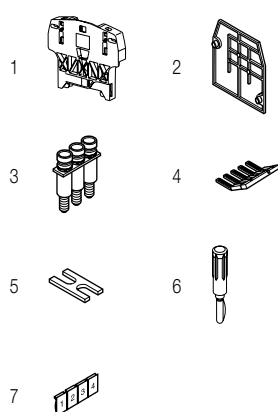
|    |      |    |     |    |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|------|----|-----|----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| CE | RoHS | UL | CSA | PC | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | UL | CSA | PC | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### Accessories

| Description                                                           | Color                          | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-----------------------------------------------------------------------|--------------------------------|-----------|-----------------|------------|---------------------|
| 1 End stops 12 mm 0.472 in                                            | Grey <input type="checkbox"/>  | BAZH1     | 1SNK900102R0000 | 50         | 24.00               |
| 2 End sections 1 mm 0.039 in                                          | Grey <input type="checkbox"/>  | FEMS6D    | 1SNA116591R0500 | 20         | 3.70                |
| 3 Jumper bars 2 poles 32 A                                            | Grey <input type="checkbox"/>  | BJMI6D-2  | 1SNA179668R2000 | 10         | 4.00                |
| 3 poles                                                               |                                | BJMI6D-3  | 1SNA179669R2100 | 10         | 6.00                |
| 4 poles                                                               |                                | BJMI6D-4  | 1SNA179670R2600 | 10         | 8.00                |
| 5 poles                                                               |                                | BJMI6D-5  | 1SNA179671R1300 | 10         | 10.00               |
| 10 poles                                                              |                                | BJMI6D-10 | 1SNA179672R1400 | 10         | 20.00               |
| 4 Lateral jumper bars 10 poles 35 A                                   |                                | PC61-10   | 1SNA163311R2200 | 10         | 5.00                |
| 5 Cross spacing jumpers 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in |                                | EL6       | 1SNA173627R2100 | 10         | 0.10                |
| 6 Test plugs DIA 2 mm 0.079 in                                        | Black <input type="checkbox"/> | FC2       | 1SNA007865R2600 | 100        |                     |
| 7 Terminal block markers Blank card                                   | White <input type="checkbox"/> | RC610     | 1SNA233000R0100 | 1          | 7.50                |

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

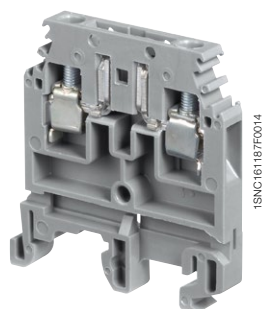


Technical data valid for copper conductors only.

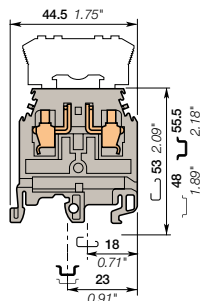
## M4/6.SB screw clamp terminal blocks

### Disconnect with plug - 6 mm 0.236 in spacing

|  |  |                         |
|--|--|-------------------------|
|  |  | <b>4 mm<sup>2</sup></b> |
|  |  | <b>10 AWG</b>           |



M4/6.SB



6 mm 0.236 in spacing

#### Description

- Ease your disconnect operations with the disconnect component holder plug,
- Same profile as M4/6 feed-through terminal block for aligned marking.

#### Ordering details

| Description                  | Color | Type    | Part Number     | Pkg qty | Weight (1 pce) |
|------------------------------|-------|---------|-----------------|---------|----------------|
| Disconnect By polarized plug | Grey  | M4/6.SB | 1SNA115435R0700 | 50      | 10.00          |

#### Main technical data

| Connecting capacity                     |                          | IEC                      | UL            | CSA           |
|-----------------------------------------|--------------------------|--------------------------|---------------|---------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded | 0.5-4 mm <sup>2</sup>    | 22-10 AWG     | 24-10 AWG     |
|                                         | Flexible                 | 0.5-4 mm <sup>2</sup>    |               |               |
|                                         | with insulated ferrule   |                          |               |               |
| Gauge                                   |                          | A4                       |               |               |
| Rated current / Rated cross section     |                          | 10 A / 4 mm <sup>2</sup> | 10 A / 10 AWG | 15 A / 10 AWG |
| Rated short-time withstand current (1s) |                          | 120 A                    |               |               |
| Rated voltage                           |                          | 250 V                    | 300 V         | 600 V         |
| Impulse withstand voltage               |                          | 4000 V                   |               |               |
| Protection                              |                          | IP20                     | NEMA 1        |               |

#### Mounting instructions

|                       |  |                                          |
|-----------------------|--|------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
| Wire stripping length |  | 9.5 mm<br>0.374 in                       |
| Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in         |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | UL | cCSAus | Gost R |  |  |  |  |  |  |

#### Accessories

| Description                    | Color | Type             | Part Number     | Pkg qty | Weight (1 pce) |
|--------------------------------|-------|------------------|-----------------|---------|----------------|
| 1 End stops                    | Grey  | BAM4             | 1SNK900001R0000 | 50      | 12.00          |
|                                |       | BAZ1             | 1SNK900002R0000 | 50      | 4.70           |
| 2 End sections                 | Grey  | FEM62            | 1SNA114994R0700 | 20      | 2.40           |
| 3 Lateral jumper bars 10 poles |       | PC61-10          | 1SNA163311R2200 | 10      | 5.00           |
| 4 Circuit separators           | Grey  | SCF6             | 1SNA118707R0300 | 20      |                |
| 5 Shield connectors            |       | CBM5             | 1SNA178745R1400 | 50      |                |
| 6 Component plugs              | Beige | BNSV62           | 1SNA196854R1500 | 50      | 6.00           |
|                                |       | BNF652-D1-BE     | 1SNA196966R1500 | 50      | 7.00           |
|                                |       | BNF652L-BE       | 1SNA196967R1600 | 50      | 7.00           |
|                                |       | BNF652           | 1SNA196998R1600 | 50      | 6.00           |
|                                |       | BNF652D-BE       | 1SNA196999R1700 | 50      | 7.00           |
|                                |       | For FUAUTO fuses |                 | 50      | 1.00           |
| 7 Extraction tools             | Black | BFAUTO           | 1SNA299486R2400 | 50      | 1.00           |
|                                |       | BNS6DG1          | 1SNA400146R0000 | 1       | 6.00           |
| 8 Terminal block markers       | White | RC610            | 1SNA171018R2000 | 1       |                |
| Blank card                     |       |                  | 1SNA233000R0100 | 1       | 7.50           |

Complete list of accessories is indicated in the terminal block datasheet.

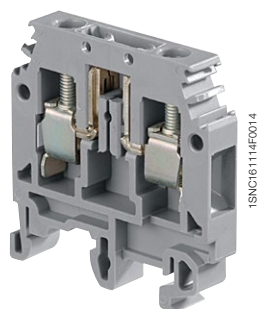
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

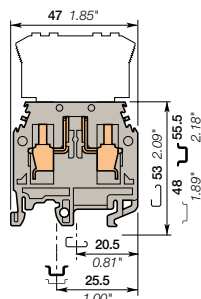
## M6/8.SB screw clamp terminal blocks

Disconnect with plug - 8 mm 0.315 in spacing

|  |  |                         |
|--|--|-------------------------|
|  |  | <b>6 mm<sup>2</sup></b> |
|  |  | <b>8 AWG</b>            |



M6/8.SB



8 mm 0.315 in spacing

### Description

- Ease your disconnect operations with the disconnect component holder plug,
- Same profile as M6/8 feed-through terminal block for aligned marking.

### Ordering details

| Description                  | Color | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 poe) g |
|------------------------------|-------|---------|-----------------|------------|---------------------|
| Disconnect By polarized plug | Grey  | M6/8.SB | 1SNA115436R0000 | 50         | 17.00               |

### Main technical data

| Connecting capacity                            | IEC                      | UL           | CSA          |
|------------------------------------------------|--------------------------|--------------|--------------|
| <b>1 conductor per clamp</b>                   |                          |              |              |
| Rigid - Solid / Stranded                       | 0.5-10 mm <sup>2</sup>   | 22-8 AWG     | 22-8 AWG     |
| Flexible                                       | 0.5-6 mm <sup>2</sup>    |              |              |
| with insulated ferrule                         |                          |              |              |
| Gauge                                          | A5                       |              |              |
| <b>Rated current / Rated cross section</b>     | 15 A / 6 mm <sup>2</sup> | 20 A / 8 AWG | 20 A / 8 AWG |
| <b>Rated short-time withstand current (1s)</b> | 180 A                    |              |              |
| <b>Rated voltage</b>                           | 400 V                    | 300 V        | 600 V        |
| <b>Impulse withstand voltage</b>               | 4000 V                   |              |              |
| <b>Protection</b>                              | IP20                     | NEMA 1       |              |

### Mounting instructions

|                       |  |                                                      |
|-----------------------|--|------------------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                             |
| Wire stripping length |  | 12 mm<br>0.472 in                                    |
| Tool                  |  | Flat screwdriver<br>Ø 4 - 5 mm<br>Ø 0.157 - 0.197 in |
| Torque                |  | 0.8 - 1 N.m<br>7.1 - 8.9 lb.in                       |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | ULSR | cSAus | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

### Accessories

| Description                     | Color  | Type   | Part Number     | Pkg<br>qty | Weight<br>(1 poe) g |
|---------------------------------|--------|--------|-----------------|------------|---------------------|
| <b>1 End stops</b>              | Grey   | BAM4   | 1SNK900001R0000 | 50         | 12.00               |
|                                 |        | BAZ1   | 1SNK900002R0000 | 50         | 4.70                |
| <b>2 End sections</b>           | Grey   | FEM8   | 1SNA113373R2600 | 20         | 3.00                |
| <b>3 Jumper bars</b>            | Grey   | AD2.5  | 1SNA114206R2000 | 50         | 1.60                |
| <b>4 Lateral jumper bars</b>    |        | PC8-10 | 1SNA163313R2400 | 10         | 14.00               |
| <b>5 Component plugs</b>        | Orange | BNF52  | 1SNA105133R1700 | 50         | 8.00                |
|                                 | Grey   | BNF52  | 1SNA116924R0200 | 50         | 8.00                |
|                                 | Grey   | BNSV82 | 1SNA116927R0500 | 50         | 8.00                |
|                                 | Beige  | BNF52  | 1SNA196924R0300 | 50         | 8.00                |
|                                 |        | BNSV82 | 1SNA196927R0600 | 50         | 8.00                |
| <b>6 Short circuit plugs</b>    | Grey   | BNCT82 | 1SNA116926R0400 | 50         | 9.00                |
|                                 | Beige  |        | 1SNA196926R0500 | 50         | 9.00                |
| <b>7 Extraction tools</b>       |        | EXBN2  | 1SNA171018R2000 | 1          |                     |
| <b>8 Terminal block markers</b> | White  | RC810  | 1SNA234000R0200 | 1          | 8.20                |

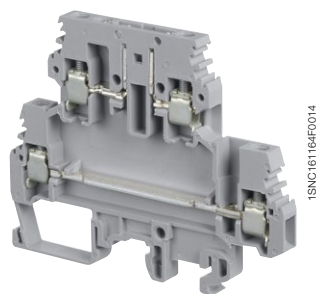
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

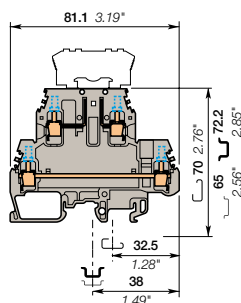
Technical data valid for copper conductors only.

## M4/6.D2.SB screw clamp terminal blocks

Disconnect with plug - with test socket - 6 mm 0.236 in spacing



M4/6.D2.SB



6 mm 0.236 in spacing

### Description

- Save space with double deck terminal blocks: 1 disconnect circuit on top + 1 independent feed-through circuit on bottom in just 6 mm 0.236 in spacing,
- Ease your disconnect operations with the disconnect component holder plug.

### Ordering details

| Description                                                                                                                     | Color                         | Type        | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------|-----------------|------------|-------------------|
| <b>Disconnect</b><br>By polarized plug<br>with 4 test sockets<br>DIA 2 mm 0.079 in<br>- 1 feed-through circuit<br>on lower deck | Grey <input type="checkbox"/> | M4/6.D2.SBT | 1SNA115702R2300 | 50         | 21.00             |

### Main technical data

| Connecting capacity                            | IEC          | UL     | CSA |
|------------------------------------------------|--------------|--------|-----|
| <b>1 conductor per clamp</b>                   |              |        |     |
| Rigid - Solid / Stranded                       | 0.5-4 mm²    |        |     |
| Flexible                                       | 0.5-4 mm²    |        |     |
| with insulated ferrule                         |              |        |     |
| Gauge                                          | A4           |        |     |
| <b>Rated current / Rated cross section</b>     | 10 A / 4 mm² |        |     |
| <b>Rated short-time withstand current (1s)</b> | 120 A        |        |     |
| <b>Rated voltage</b>                           | 250 V        |        |     |
| <b>Impulse withstand voltage</b>               | 4000 V       |        |     |
| <b>Protection</b>                              | IP20         | NEMA 1 |     |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |
|----|------|--------|

### Mounting instructions

|                       |  |                                          |
|-----------------------|--|------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
| Wire stripping length |  | 9.5 mm<br>0.374 in                       |
| Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                |  | 0.5 - 0.6 N.m<br>4.4 - 5.3 lb.in         |

### Accessories

| Description                                   | Color                          | Type         | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-----------------------------------------------|--------------------------------|--------------|-----------------|------------|-------------------|
| <b>1 End stops</b>                            | Grey <input type="checkbox"/>  | BAZH1        | 1SNK900102R0000 | 50         | 24.00             |
| <b>2 End sections</b>                         | Grey <input type="checkbox"/>  | FEMS6D       | 1SNA116591R0500 | 20         | 3.70              |
| <b>3 Jumper bars</b>                          |                                |              |                 |            |                   |
| 2 poles                                       |                                | BJMI6D-2     | 1SNA179668R2000 | 10         | 4.00              |
| 3 poles                                       |                                | BJMI6D-3     | 1SNA179669R2100 | 10         | 6.00              |
| 4 poles                                       |                                | BJMI6D-4     | 1SNA179670R2600 | 10         | 8.00              |
| 5 poles                                       |                                | BJMI6D-5     | 1SNA179671R1300 | 10         | 10.00             |
| 10 poles                                      |                                | BJMI6D-10    | 1SNA179672R1400 | 10         | 20.00             |
| <b>4 Lateral jumper bars</b>                  |                                |              |                 |            |                   |
| 10 poles                                      |                                | PC61-10      | 1SNA16331R2200  | 10         | 5.00              |
| <b>5 Cross spacing jumpers</b>                |                                |              |                 |            |                   |
| 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in |                                | EL6          | 1SNA173627R2100 | 10         | 0.10              |
| <b>6 Test plugs</b>                           | Black <input type="checkbox"/> | FC2          | 1SNA007865R2600 | 100        |                   |
| <b>7 Shield connectors</b>                    |                                | CBD2S        | 1SNA178408R1400 | 50         |                   |
| <b>8 Component plugs</b>                      |                                |              |                 |            |                   |
| With solder leads and screws                  | Grey <input type="checkbox"/>  | BNSV62       | 1SNA116854R1400 | 50         | 6.00              |
|                                               | Beige <input type="checkbox"/> | BNSV62       | 1SNA196854R1500 | 50         | 6.00              |
| With 48V blown fuse indicator                 | Beige <input type="checkbox"/> | BNF652-D1-BE | 1SNA196966R1500 | 50         | 7.00              |
| With 110-230V blown fuse indicator            |                                | BNF652L-BE   | 1SNA196967R1600 | 50         | 7.00              |
| For 5x20 fuses                                |                                | BNF652       | 1SNA196998R1600 | 50         | 6                 |
| With 24V blown fuse indicator                 |                                | BNF652D-BE   | 1SNA196999R1700 | 50         | 7.00              |
| For FUAUTO fuses                              | Black <input type="checkbox"/> | BFAUTO       | 1SNA299486R2400 | 50         | 1.00              |
|                                               | White <input type="checkbox"/> | RC610        | 1SNA233000R0100 | 1          | 7.50              |
| <b>9 Terminal block markers</b>               |                                |              |                 |            |                   |
| Blank card                                    |                                |              |                 |            |                   |

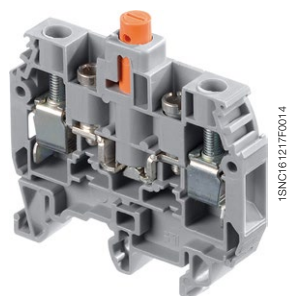
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

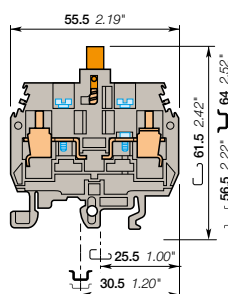
Technical data valid for copper conductors only.

## M6/8.STP screw clamp terminal blocks

Disconnect with push-turn knob - with test socket - 8 mm 0.315 in spacing



M6/8.STP



8 mm 0.315 in spacing

### Description

- Ease your disconnect operations with the disconnect 1/4 turn push-turn knob,
- Possibility to seal in the open and closed position,
- Ease your test operations with the built-in test socket.

### Ordering details

| Description                                         | Color        | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-----------------------------------------------------|--------------|-----------|-----------------|------------|---------------------|
| Disconnect With 2 test sockets<br>DIA 4 mm 0.157 in | Grey, orange | M6/8.STP1 | 1SNA115529R1500 | 25         | 21.00               |

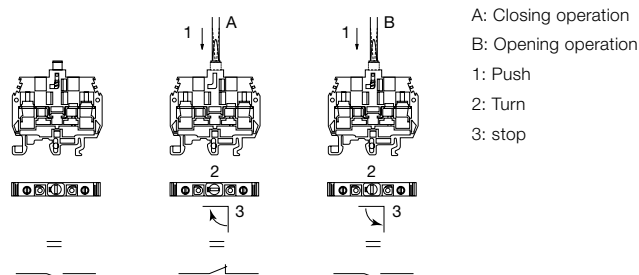
### Main technical data

| Connecting capacity                     | IEC                                                                     | UL                      | CSA          | Mounting instructions                                                                                                          |
|-----------------------------------------|-------------------------------------------------------------------------|-------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded<br>Flexible<br>with insulated ferrule<br>Gauge | 0.5-10 mm²<br>0.5-6 mm² | 8 AWG        | Rail<br>Wire stripping length<br>Tool<br>Torque                                                                                |
| Rated current / Rated cross section     | 15 A / 6 mm²                                                            |                         | 15 A / 8 AWG | G32, TH 35-7.5,<br>TH 35-15<br>11 mm<br>0.433 in<br>Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in<br>0.8 - 1 N.m<br>7.1 - 8.9 lb.in |
| Rated short-time withstand current (1s) | 720 A                                                                   |                         |              |                                                                                                                                |
| Rated voltage                           | 500 V                                                                   |                         | 600 V        |                                                                                                                                |
| Impulse withstand voltage               |                                                                         |                         |              |                                                                                                                                |
| Protection                              | IP10                                                                    | NEMA                    |              |                                                                                                                                |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>

|      |     |        |
|------|-----|--------|
| RoHS | CSA | Gost R |
|------|-----|--------|

### Notes



### Accessories

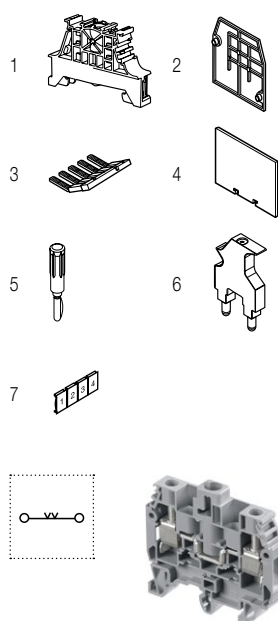
| Description              | Color | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------|-------|------------|-----------------|------------|---------------------|
| 1 End stops              | Grey  | BAM4       | 1SNK900001R0000 | 50         | 12.00               |
|                          |       | BAZ1       | 1SNK900002R0000 | 50         | 4.70                |
| 2 End sections           | Grey  | FEMT1      | 1SNA113137R0200 | 50         | 2.00                |
| 3 Lateral jumper bars    |       | PC8-2      | 1SNA116538R1700 | 10         | 3.00                |
|                          |       | PC8-3      | 1SNA116539R1000 | 10         | 4.00                |
|                          |       | PC8-4      | 1SNA116540R2500 | 10         | 6.00                |
|                          |       | PC8-10     | 1SNA163313R2400 | 10         | 14.00               |
| 4 Circuit separators     | Grey  | SCFT1      | 1SNA103588R2600 | 20         | 20.00               |
| 5 Test plugs             | White | FC4        | 1SNA167860R0100 | 10         | 10.00               |
|                          | Red   | FC4-1      | 1SNA167927R1000 | 10         | 11.00               |
| 6 Short circuit plugs    | Red   | BP8.A4     | 1SNA173888R2000 | 10         |                     |
|                          | Red   | BNSTP2     | 1SNA196789R2400 | 20         | 10.00               |
|                          | Beige | BNSTP1     | 1SNA196792R1700 | 20         | 14.00               |
|                          | White | RC810      | 1SNA234000R0200 | 1          | 8.20                |
| 7 Terminal block markers |       | Blank card |                 |            |                     |

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

### Feed-through screw clamp terminal blocks

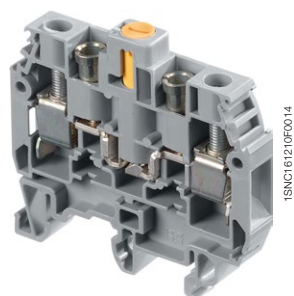
| Description                                   | Color | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-----------------------------------------------|-------|-----------|-----------------|------------|---------------------|
| Feed-through Profile aligned with M6/8 STP... | Grey  | M6/8.STP3 | 1SNA115500R2500 | 25         | 21.00               |



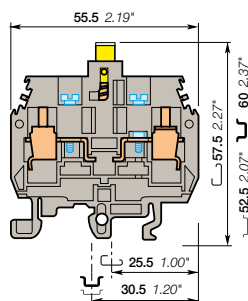
Technical data valid for copper conductors only.

## M6/8.STP screw clamp terminal blocks

Disconnect with push-turn knob - with test socket - 8 mm 0.315 in spacing



M6/8.STP



8 mm 0.315 in spacing

### Description

- Ease your disconnect operations with the disconnect 1/4 turn push-turn knob,
- Possibility to seal in the open position,
- Ease your test operations with the built-in test socket.

### Ordering details

| Description                                         | Color        | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-----------------------------------------------------|--------------|----------|-----------------|------------|-------------------|
| Disconnect With 2 test sockets<br>DIA 4 mm 0.157 in | Grey, yellow | M6/8.STP | 1SNA115277R2000 | 25         | 21.00             |
|                                                     | Grey, black  | M6/8.STP | 1SNA105141R2700 | 25         | 21.00             |
|                                                     | Grey, red    | M6/8.STP | 1SNA105142R2000 | 25         | 21.00             |

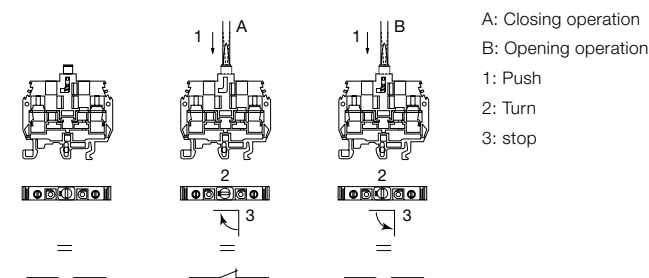
### Main technical data

| Connecting capacity                                                                           | IEC                      | UL           | CSA          | Mounting instructions                    |
|-----------------------------------------------------------------------------------------------|--------------------------|--------------|--------------|------------------------------------------|
| 1 conductor per clamp<br>Rigid - Solid / Stranded<br>Flexible with insulated ferrule<br>Gauge | 0.5-10 mm <sup>2</sup>   | 22-8 AWG     | 8 AWG        | Rail  G32, TH 35-7.5, TH 35-15           |
|                                                                                               | 0.5-6 mm <sup>2</sup>    |              |              | Wire stripping length  11 mm 0.433 in    |
|                                                                                               |                          |              |              | Tool  Flat screwdriver Ø 4 mm Ø 0.157 in |
| Rated current / Rated cross section                                                           | 15 A / 6 mm <sup>2</sup> | 40 A / 8 AWG | 15 A / 8 AWG | Torque  0.8 - 1 N.m 7.1 - 8.9 lb.in      |
| Rated short-time withstand current (1s)                                                       | 180 A                    |              |              |                                          |
| Rated voltage                                                                                 | 500 V                    | 600 V        | 600 V        |                                          |
| Impulse withstand voltage                                                                     |                          |              |              |                                          |
| Protection                                                                                    | IP10                     | NEMA         |              |                                          |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>

|      |      |    |     |        |
|------|------|----|-----|--------|
| RoHS | RoHS | UL | CSA | Gost R |
|------|------|----|-----|--------|

### Notes



### Accessories

| Description           | Color | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-----------------------|-------|----------|-----------------|------------|-------------------|
| 1 End stops           | Grey  | BAM4     | 1SNK900001R0000 | 50         | 12.00             |
|                       |       | BAZ1     | 1SNK900002R0000 | 50         | 4.70              |
| 2 End sections        | Grey  | FEMT1    | 1SNA113137R0200 | 50         | 2.00              |
| 3 Lateral jumper bars |       | 2 poles  | 1SNA116538R1700 | 10         | 3.00              |
|                       |       | 3 poles  | 1SNA116539R1000 | 10         | 4.00              |
|                       |       | 4 poles  | 1SNA116540R2500 | 10         | 6.00              |
|                       |       | 10 poles | 1SNA163313R2400 | 10         | 14.00             |
|                       |       |          | 1SNA103588R2600 | 20         | 20.00             |
| 4 Circuit separators  | Grey  | SCFT1    | 1SNA167860R0100 | 10         | 10.00             |
| 5 Test plugs          | White | FC4      | 1SNA167927R1000 | 10         | 11.00             |
|                       | Red   | FC4-1    | 1SNA173888R2000 | 10         | 10.00             |
| 6 Short circuit plugs | Red   | BNSTP2   | 1SNA196789R2400 | 20         | 14.00             |
|                       | Beige | BNSTP1   | 1SNA196792R1700 | 20         | 14.00             |
|                       | White | RC810    | 1SNA234000R0200 | 1          | 8.20              |

Complete list of accessories is indicated in the terminal block datasheet.

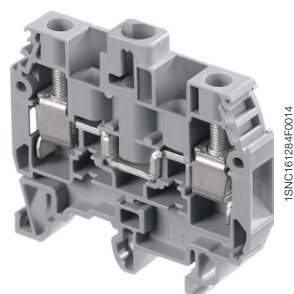
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

### Feed-through screw clamp terminal blocks

| Description                                   | Color | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-----------------------------------------------|-------|-----------|-----------------|------------|-------------------|
| Feed-through Profile aligned with M6/8 STP... | Grey  | M6/8.STP3 | 1SNA115500R2500 | 25         | 21.00             |

Technical data valid for copper conductors only.

Feed-through - 8 mm 0.315 in spacing



Technical drawing of the front view of the 1000 Series 2-Port 1/2" Valve. The drawing shows a symmetrical valve body with two orange-colored ports on the left and right. Dimensions are provided in inches:

- Overall width: 55.5 2.19"
- Overall height: 60 2.37"
- Port height (from bottom): 57.5 2.27"
- Port height (from top): 52.5 2.07"
- Port width (from center): 25.5 1.00"
- Port depth (from front face): 30.5 1.20"

1

2

3

4

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6

7

8

9

- Simplify the alternated feed-through and disconnect circuits operations with the same profile as M6/8 STP...
- The wiring of the alternated feed-through and disconnect circuits is easier.

| Description  | Color                         | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------|-------------------------------|-----------|-----------------|------------|---------------------|
| Feed-through | Grey <input type="checkbox"/> | M6/8.STP3 | 1SNA115500R2500 | 25         | 21.00               |

| Connecting capacity                                       |                          | IEC                      | UL           | CSA          |
|-----------------------------------------------------------|--------------------------|--------------------------|--------------|--------------|
| <b>1 conductor per clamp</b>                              | Rigid - Solid / Stranded | 0.5-10 mm <sup>2</sup>   | 22-8 AWG     | 8 AWG        |
|                                                           | Flexible                 | 0.5-6 mm <sup>2</sup>    |              |              |
|                                                           | with insulated ferrule   |                          |              |              |
|                                                           | Gauge                    |                          |              |              |
|                                                           |                          |                          |              |              |
|                                                           |                          |                          |              |              |
| <b>Rated current / Rated cross section</b>                |                          | 41 A / 6 mm <sup>2</sup> | 40 A / 8 AWG | 15 A / 8 AWG |
| <b>Rated short-time withstand current (I<sub>s</sub>)</b> |                          | 720 A                    |              |              |
| <b>Rated voltage</b>                                      |                          | 500 V                    | 600 V        | 600 V        |
| <b>Impulse withstand voltage</b>                          |                          |                          |              |              |
| <b>Protection</b>                                         |                          | IP20                     | NEMA 1       |              |

|                          |                                                                                     |                                          |
|--------------------------|-------------------------------------------------------------------------------------|------------------------------------------|
| Rail                     |  | G32, TH 35-7.5,<br>TH 35-15              |
| Wire stripping<br>length |  | 11 mm<br>0.433 in                        |
| Tool                     |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                   |  | 0.8 - 1 N.m<br>7.1 - 8.9 lb.in           |

The connecting capacity data for one Rigid / Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>

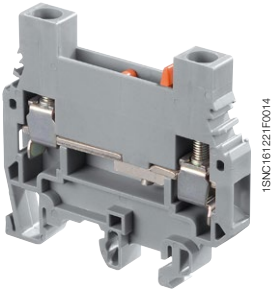
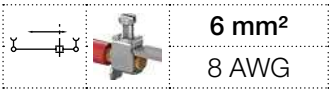
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| Description                 |                        |                        |                     | Color                                                                                     | Type                                                                                      | Part Number                                                                             | Pkg                                                                                      | Weight          |
|-----------------------------|------------------------|------------------------|---------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------|
|                             |                        |                        |                     |                                                                                           |                                                                                           |                                                                                         | qty                                                                                      | (1 pce) g       |
| 1                           | End stops              | 10 mm                  | 0.394 in            | Grey   | BAM4                                                                                      | 1SNK900001R0000                                                                         | 50                                                                                       | 12.00           |
|                             |                        | 9 mm                   | 0.354 in            |                                                                                           | BAZ1                                                                                      | 1SNK900002R0000                                                                         | 50                                                                                       | 4.70            |
| 2                           | End sections           | 2.8 mm                 | 0.110 in            | Grey   | FEMT1                                                                                     | 1SNA113137R0200                                                                         | 50                                                                                       | 2.00            |
| 3                           | Jumper bars            | 2 poles                | 41 A                |                                                                                           | BJS8                                                                                      | 1SNA164581R1300                                                                         | 10                                                                                       | 3.10            |
|                             |                        | 3 poles                | 1SNA164582R1400     |                                                                                           |                                                                                           | 10                                                                                      | 3.10                                                                                     |                 |
|                             |                        | 4 poles                | 1SNA164583R1500     |                                                                                           |                                                                                           | 10                                                                                      | 3.10                                                                                     |                 |
|                             |                        | 20 poles               | 1SNA174789R0500     |                                                                                           |                                                                                           | 5                                                                                       | 3.20                                                                                     |                 |
|                             |                        | 4                      | Fastening kits      | Sub assembly post + screw + washer                                                        |                                                                                           |                                                                                         | EV6i                                                                                     | 1SNA206394R0200 |
| 5                           | Lateral jumper bars    | 2 poles                | 50 A                |                                                                                           | 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                                                                                    |                 |
|                             |                        | 6                      | Circuit separators  |                                                                                           | 1 mm                                                                                      | 0.039 in                                                                                | Grey  | SCFT1           |
| 7                           | Test plugs             | DIA 4 mm 0.157 in      |                     | White  | FC4                                                                                       | 1SNA167860R0100                                                                         | 10                                                                                       | 10.00           |
|                             |                        | DIA 4 mm 0.157 in IP20 |                     |                                                                                           | FC4-1                                                                                     | 1SNA167927R1000                                                                         | 10                                                                                       | 11.00           |
|                             |                        | 8                      | Short circuit plugs | DIA 4 mm 0.157 in                                                                         |                                                                                           | Red  | BP8.A4                                                                                   | 1SNA173888R2000 |
| With test DIA 4 mm 0.157 in |                        |                        |                     | BNSTP2                                                                                    | 1SNA196789R2400                                                                           |                                                                                         | 20                                                                                       | 10.00           |
|                             |                        |                        |                     |                                                                                           | Beige  | BNSTP1                                                                                  | 1SNA196792R1700                                                                          | 20              |
| 9                           | Terminal block markers | Blank card             |                     | White  | RC810                                                                                     | 1SNA234000R0200                                                                         | 1                                                                                        | 8.20            |

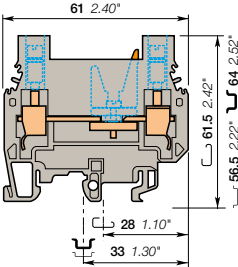
Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings; complete information in the accessories catalogue pages.

M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

Description

- Compact disconnect terminal blocks:
- Secure your disconnect operations with the disconnect orange sliding link operated with a screwdriver,
- Ease your test operations with the two built-in test sockets screws compatible with DIA 4 mm 0.157 in test plugs.

Ordering details

| Description                                         | Color                         | Type     | Part Number     | Pkg    | Weight          |
|-----------------------------------------------------|-------------------------------|----------|-----------------|--------|-----------------|
| Disconnect With 2 test sockets<br>DIA 4 mm 0.157 in | Grey <input type="checkbox"/> | M6/8.STA | 1SNA115359R0200 | 25 pce | (1 pce) 9 30.00 |

Main technical data

|                                         | IEC                                                                     | UL                            | CSA        |
|-----------------------------------------|-------------------------------------------------------------------------|-------------------------------|------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded<br>Flexible<br>with insulated ferrule<br>Gauge | 0.5-10 mm²<br>0.5-6 mm²<br>A5 | 22 - 8 AWG |
| Rated current / Rated cross section     | 30 A / 6 mm²                                                            | 50 A / 8 AWG                  |            |
| Rated short-time withstand current (1s) | 480 A                                                                   |                               |            |
| Rated voltage                           | 500 V                                                                   | 600 V                         |            |
| Impulse withstand voltage               |                                                                         |                               |            |
| Protection                              | IP20                                                                    | NEMA 1                        |            |

Mounting instructions

|                        |  |                                            |
|------------------------|--|--------------------------------------------|
| Rail                   |  | G32, TH 35-7.5,<br>TH 35-15                |
| Wire stripping length  |  | 11 mm<br>0.43 in                           |
| Screw clamp Tool       |  | Flat screwdriver<br>Ø 5.5 mm<br>Ø 0.217 in |
| Torque                 |  | 0.8 - 1 N.m<br>7.1 - 8.9 lb.in             |
| Disconnect device Tool |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in   |
| Torque                 |  | 0.4 - 0.6 N.m<br>3.5 - 5.3 lb.in           |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.  
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 | UL | Gost R |  |  |  |  |  |  |
| CE | RoHS | UL | Gost R |  |  |  |  |  |  |

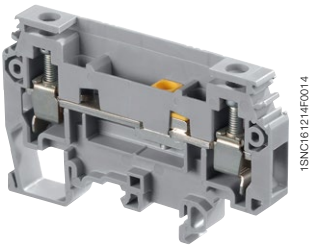
Accessories

| Description              | Color                          | Type   | Part Number     | Pkg    | Weight        |
|--------------------------|--------------------------------|--------|-----------------|--------|---------------|
| 1 End stops              | Grey <input type="checkbox"/>  | BAM4   | 1SNK900001R0000 | 50 pce | (1 pce) 12.00 |
|                          |                                | BAZ1   | 1SNK900002R0000 | 50     | 4.70          |
| 2 End sections           | Grey <input type="checkbox"/>  | FEMT4  | 1SNA114778R0500 | 10     | 5.60          |
|                          |                                | FEMSTA | 1SNA116979R2100 | 10     | 3.60          |
| 3 Jumper bars            | Grey <input type="checkbox"/>  | AD2.5  | 1SNA114205R2000 | 50     | 1.60          |
| 4 Lateral jumper bars    | Black <input type="checkbox"/> | PC8-2  | 1SNA116538R1700 | 10     | 3.00          |
|                          |                                | PC8-3  | 1SNA116539R1000 | 10     | 4.00          |
|                          |                                | PC8-4  | 1SNA116540R2500 | 10     | 6.00          |
|                          |                                | PC8-10 | 1SNA163313R2400 | 10     | 14.00         |
| 5 Test plugs             | Red <input type="checkbox"/>   | FC4-1  | 1SNA167927R1000 | 10     | 11.00         |
| 6 Short circuit plugs    |                                | BP8.A4 | 1SNA173888R2000 | 10     |               |
| 7 Terminal block markers | White <input type="checkbox"/> | RC810  | 1SNA234000R0200 | 1      | 8.20          |

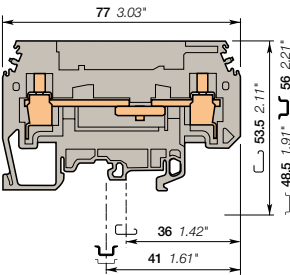
Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

Description

Secure your disconnect operations with the disconnect sliding link operated with a screwdriver.

Ordering details

| Description | Color | Type    | Part Number     | Pkg pce | Weight (1 pce) g |
|-------------|-------|---------|-----------------|---------|------------------|
| Disconnect  | Grey  | M6/8.ST | 1SNA115236R1700 | 25      | 30.00            |

Main technical data

|                                         | IEC                                                                                          | UL           | CSA          |
|-----------------------------------------|----------------------------------------------------------------------------------------------|--------------|--------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded 0.5-10 mm²<br>Flexible with insulated ferrule 0.5-6 mm²<br>Gauge A5 | 18 - 8 AWG   | 18-8 AWG     |
| Rated current / Rated cross section     | 40 A / 6 mm²                                                                                 | 30 A / 8 AWG | 30 A / 8 AWG |
| Rated short-time withstand current (1s) | 720 A                                                                                        |              |              |
| Rated voltage                           | 630 V                                                                                        | 150 V        | 150 V        |
| Impulse withstand voltage               |                                                                                              |              |              |
| Protection                              | IP20                                                                                         | NEMA 1       |              |

Mounting instructions

|                        |  |                                                                |
|------------------------|--|----------------------------------------------------------------|
| Rail                   |  | G32, TH 35-7.5, TH 35-15                                       |
| Wire stripping length  |  | 13 mm 0.51 in                                                  |
| Screw clamp Tool       |  | Flat screwdriver Ø 5 mm Ø 0.197 in 0.8 - 1 N.m 7.1 - 8.9 lb.in |
| Torque                 |  |                                                                |
| Disconnect device Tool |  | Flat screwdriver Ø 3.5 mm Ø 0.138 in                           |
| Torque                 |  | 0.4 - 0.6 N.m 3.5 - 5.3 lb.in                                  |

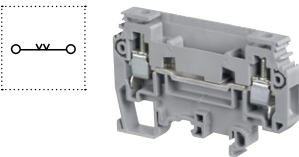
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

|    |      |     |     |        |
|----|------|-----|-----|--------|
| CE | RoHS | USR | CSA | Gost R |
|----|------|-----|-----|--------|

Accessories

| Description                | Color  | Type     | Part Number     | Pkg pce | Weight (1 pce) g |
|----------------------------|--------|----------|-----------------|---------|------------------|
| 1 End stops                | Grey   | BAM4     | 1SNK900001R0000 | 50      | 12.00            |
|                            |        | BAZ1     | 1SNK900002R0000 | 50      | 4.70             |
| 2 End sections             | Grey   | FEMT2    | 1SNA113629R2700 | 10      | 2.00             |
| 3 Jumper bars 20 poles     |        | BJS8-20  | 1SNA174789R0500 | 5       | 3.20             |
| 4 Lateral jumper bars 50 A | Black  | PC8-10   | 1SNA163313R2400 | 10      | 14.00            |
|                            |        | PC8-R1   | 1SNA400711R0600 | 10      | 6.60             |
|                            |        | PC8-R2   | 1SNA400712R0700 | 10      | 7.84             |
|                            |        | PC8-R3   | 1SNA400713R0000 | 10      | 9.00             |
|                            |        | PC8-R4   | 1SNA400724R0300 | 10      | 4.50             |
| 5 Circuit separators       | Grey   | SCFT2    | 1SNA114522R0500 | 20      |                  |
| 6 Test sockets             | Yellow | AJS9     | 1SNA179726R0200 | 25      | 5.00             |
|                            | Black  | AJS9-1   | 1SNA206680R1500 | 25      | 3.60             |
|                            | Green  | AJS9-2   | 1SNA206681R0200 | 25      | 3.60             |
|                            | Grey   | AJS9-3   | 1SNA206682R0300 | 25      | 3.60             |
|                            | Blue   | AJS9-4   | 1SNA206683R0400 | 25      | 3.60             |
|                            | Red    | AJS9-5   | 1SNA206720R1400 | 25      | 3.60             |
|                            |        | AL4-M3   | 1SNA206721R0100 | 50      | 1.10             |
| 7 Test plugs               | Red    | FC4-1    | 1SNA167927R1000 | 10      | 11.00            |
| 8 Short circuit bridges    | Yellow | SC-JB8-2 | 1SNK900652R0000 | 25      | 2.00             |
|                            |        | SC-JB8-3 | 1SNK900653R0000 | 25      | 3.40             |
|                            |        | SC-JB8-4 | 1SNK900654R0000 | 25      | 4.70             |
| 9 Fastening kits           |        | EV8S     | 1SNA168401R0300 | 20      | 3.00             |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



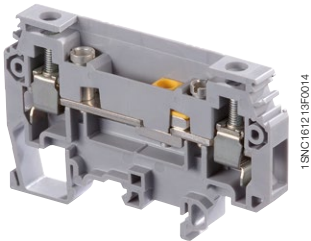
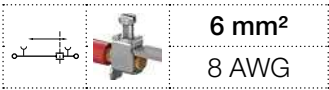
Feed-through screw clamp terminal blocks

| Description  | Color | Type     | Part Number     | Pkg pce | Weight (1 pce) g |
|--------------|-------|----------|-----------------|---------|------------------|
| Feed-through | Grey  | M6/8.ST7 | 1SNA115243R2600 | 25      | 20.00            |

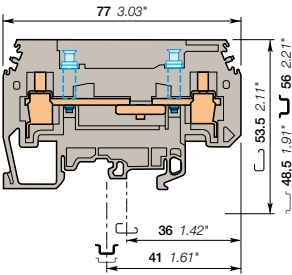
Technical data valid for copper conductors only.

M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

Description

- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the 2 independent built-in test sockets compatible with DIA 4 mm 0.157 in test plugs.

Ordering details

| Description                                      | Color                         | Type     | Part Number     | Pkg    | Weight          |
|--------------------------------------------------|-------------------------------|----------|-----------------|--------|-----------------|
| Disconnect With 2 test sockets DIA 4 mm 0.157 in | Grey <input type="checkbox"/> | M6/8.ST1 | 1SNA115237R1000 | 25 pce | (1 pce) 9 30.00 |

Main technical data

|                                         | IEC                                                                                          | UL           | CSA          |
|-----------------------------------------|----------------------------------------------------------------------------------------------|--------------|--------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded 0.5-10 mm²<br>Flexible 0.5-6 mm²<br>with insulated ferrule Gauge A5 | 18 - 8 AWG   | 18-8 AWG     |
| Rated current / Rated cross section     | 40 A / 6 mm²                                                                                 | 30 A / 8 AWG | 30 A / 8 AWG |
| Rated short-time withstand current (1s) | 720 A                                                                                        |              |              |
| Rated voltage                           | 630 V                                                                                        | 150 V        | 150 V        |
| Impulse withstand voltage               |                                                                                              |              |              |
| Protection                              |                                                                                              | NEMA         |              |

Mounting instructions

|                        |  |                                      |
|------------------------|--|--------------------------------------|
| Rail                   |  | G32, TH 35-7.5, TH 35-15             |
| Wire stripping length  |  | 13 mm 0.51 in                        |
| Screw clamp Tool       |  | Flat screwdriver Ø 5 mm Ø 0.197 in   |
| Torque                 |  | 0.8 - 1 N.m 7.1 - 8.9 lb.in          |
| Disconnect device Tool |  | Flat screwdriver Ø 3.5 mm Ø 0.138 in |
| Torque                 |  | 0.4 - 0.6 N.m 3.5 - 5.3 lb.in        |

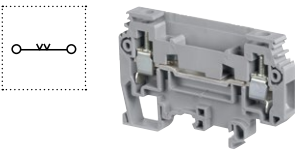
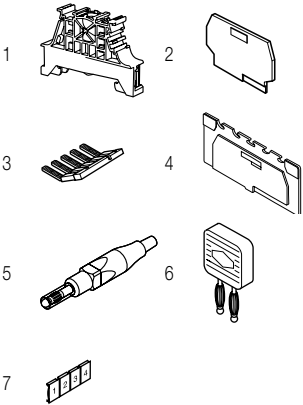
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|    |      |     |     |        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|------|-----|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| CE | RoHS | USR | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| CE | RoHS | USR | CSA | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Accessories

| Description                              | Color                          | Type                               | Part Number                                                                     | Pkg            | Weight                    |
|------------------------------------------|--------------------------------|------------------------------------|---------------------------------------------------------------------------------|----------------|---------------------------|
| 1 End stops 10 mm 0.394 in 9 mm 0.354 in | Grey <input type="checkbox"/>  | BAM4 BAZ1                          | 1SNK900001R0000 1SNK900002R0000                                                 | 50 50          | 12.00 4.70                |
| 2 End sections 1 mm 0.039 in             | Grey <input type="checkbox"/>  | FEMT2                              | 1SNA113629R2700                                                                 | 10             | 2.00                      |
| 3 Lateral jumper bars 50 A               | Black <input type="checkbox"/> | PC8-10 PC8-R1 PC8-R2 PC8-R3 PC8-R4 | 1SNA163313R2400 1SNA400711R0600 1SNA400712R0700 1SNA400713R0000 1SNA400724R0300 | 10 10 10 10 10 | 14.00 6.60 7.84 9.00 4.50 |
| 4 Circuit separators 3 mm 0.118 in       | Grey <input type="checkbox"/>  | SCFT2                              | 1SNA114522R0500                                                                 | 20             |                           |
| 5 Test plugs DIA 4 mm 0.157 in IP20      | Red <input type="checkbox"/>   | FC4-1                              | 1SNA167927R1000                                                                 | 10             | 11.00                     |
| 6 Short circuit plugs DIA 4 mm 0.157 in  |                                | BP8.A4                             | 1SNA173888R2000                                                                 | 10             |                           |
| 7 Terminal block markers Blank card      | White <input type="checkbox"/> | RC810                              | 1SNA234000R0200                                                                 | 1              | 8.20                      |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

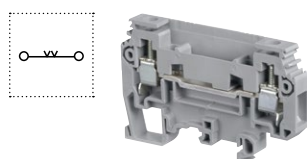
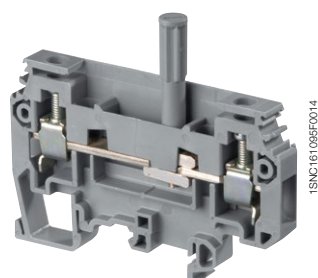


Feed-through screw clamp terminal blocks

| Description                                  | Color                         | Type     | Part Number     | Pkg    | Weight          |
|----------------------------------------------|-------------------------------|----------|-----------------|--------|-----------------|
| Feed-through Profile aligned with M6/8.ST... | Grey <input type="checkbox"/> | M6/8.ST7 | 1SNA115243R2600 | 25 pce | (1 pce) 9 20.00 |

Technical data valid for copper conductors only.

Test disconnect with insulated rod sliding link - 8 mm 0.315 in spacing



- Secure your disconnect operations with the disconnect sliding link operated with a screwdriver,
- Ease your test operations with the two independent built-in test sockets compatible with DIA 4 mm 0.157 in test plugs.

| Description                                                | Color                                                                                  | Type     | Part Number     | Pkg<br>pce | Weight<br>(1 pce) g |
|------------------------------------------------------------|----------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| <b>Disconnect</b> With 2 test sockets<br>DIA 4 mm 0.157 in | Grey  | M6/8.ST3 | 1SNA115239R2200 | 25         | 30.00               |

|                                                |                                                                         | IEC                                                       | UL           | CSA          |
|------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------------------------------|--------------|--------------|
| <b>1 conductor per clamp</b>                   | Rigid - Solid / Stranded<br>Flexible<br>with insulated ferrule<br>Gauge | 0.5-10 mm <sup>2</sup><br>0.5-6 mm <sup>2</sup><br><br>A5 | 18 - 8 AWG   | 18-8 AWG     |
| <b>Rated current / Rated cross section</b>     |                                                                         | 40 A / 6 mm <sup>2</sup>                                  | 30 A / 8 AWG | 30 A / 8 AWG |
| <b>Rated short-time withstand current (1s)</b> |                                                                         | 720 A                                                     |              |              |
| <b>Rated voltage</b>                           |                                                                         | 630 V                                                     | 150 V        | 150 V        |
| <b>Impulse withstand voltage</b>               |                                                                         |                                                           |              |              |
| <b>Protection</b>                              |                                                                         |                                                           | NEMA         |              |

|                       |                                                                                     |                                  |
|-----------------------|-------------------------------------------------------------------------------------|----------------------------------|
| Rail                  |  | G32, TH 35-7.5,<br>TH 35-15      |
| Wire stripping length |  |                                  |
| Screw clamp           |                                                                                     | Flat screwdriver                 |
| Tool                  |  | Ø 5 mm<br>Ø 0.197 in             |
| Torque                |  | 0.8 - 1 N.m<br>7.1 - 8.9 lb.in   |
| Disconnect device     |                                                                                     | Flat screwdriver                 |
| Tool                  |  | Ø 3.5 mm<br>Ø 0.138 in           |
| Torque                |  | 0.4 - 0.6 N.m<br>3.5 - 5.3 lb.in |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 RU CSA PCE  
CE RoHS ULR CSA Cest R

| Description |                          |                                                                                     |          | Color                                                                                     | Type   | Part Number     | Pkg<br>pce | Weight<br>(1 pce) g |
|-------------|--------------------------|-------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------|--------|-----------------|------------|---------------------|
| 1           | End stops                | 10 mm                                                                               |          | Grey   | BAM4   | 1SNK900001R0000 | 50         | 12.00               |
|             |                          | 9 mm                                                                                |          |                                                                                           | BAZ1   | 1SNK900002R0000 | 50         | 4.70                |
| 2           | End sections             | 1 mm                                                                                | 0.039 in | Grey   | FEMT2  | 1SNA13629R2700  | 10         | 2.00                |
| 3           | Lateral jumper bars 50 A |  |          | Black  | PC8-10 | 1SNA163313R2400 | 10         | 14.00               |
|             |                          |                                                                                     |          |                                                                                           | PC8-R1 | 1SNA400711R0600 | 10         | 6.60                |
|             |                          |                                                                                     |          |                                                                                           | PC8-R2 | 1SNA400712R0700 | 10         | 7.84                |
|             |                          |                                                                                     |          |                                                                                           | PC8-R3 | 1SNA400713R0000 | 10         | 9.00                |
|             |                          |                                                                                     |          |                                                                                           | PC8-R4 | 1SNA400724R0300 | 10         | 4.50                |
| 4           | Circuit separators       | 3 mm                                                                                | 0.118 in | Grey   | SCFT2  | 1SNA114522R0500 | 20         |                     |
| 5           | Test plugs               | DIA 4 mm 0.157 in IP20                                                              |          | Red    | FC4-1  | 1SNA167927R1000 | 10         | 11.00               |
| 6           | Short circuit plugs      | DIA 4 mm 0.157 in                                                                   |          |                                                                                           | BP8-A4 | 1SNA173888R2000 | 10         |                     |
| 7           | Terminal block markers   | Blank card                                                                          |          | White  | RC810  | 1SNA234000R0200 | 1          | 8.20                |

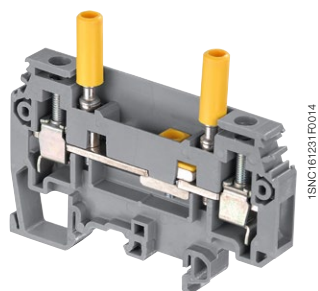
Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

| Description                                  | Color                                                                                    | Type     | Part Number     | Pkg<br>pce | Weight<br>(1 pce) g |
|----------------------------------------------|------------------------------------------------------------------------------------------|----------|-----------------|------------|---------------------|
| Feed-through Profile aligned with M6/8.ST... | Grey  | M6/8.ST7 | 1SNA115243R2600 | 25         | 20.00               |

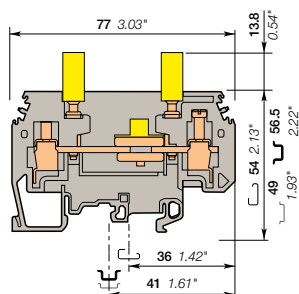
Technical data valid for copper conductors only.

## M6/8.ST screw clamp terminal blocks

Test disconnect with a screwdriver sliding link - 8 mm 0.315 in spacing



M6/8.ST



8 mm 0.315 in spacing

### Description

- Terminal blocks especially designed for current transformers circuits:
- Easy and secured current measurement thanks to the two built-in test yellow sockets compatible with IP20 DIA 4 mm 0.157 in test plugs,
- Convenient short-circuit operations with the PCS sliding short circuiting bridges from 2 to 4 poles,
- Tests sockets available as well in black, green, grey and blue.

### Ordering details

| Description                                                         | Color                         | Type          | Part Number     | Pkg           | Weight     |
|---------------------------------------------------------------------|-------------------------------|---------------|-----------------|---------------|------------|
| <b>Disconnect</b> With two yellow test sockets<br>DIA 4 mm 0.157 in | Grey <input type="checkbox"/> | M6/8.ST1.IP20 | 1SNA115971R1000 | 25<br>(1 pce) | 40.00<br>g |

### Main technical data

|                                                | IEC                                                                     | UL           | CSA          |
|------------------------------------------------|-------------------------------------------------------------------------|--------------|--------------|
| <b>1 conductor per clamp</b>                   | Rigid - Solid / Stranded<br>Flexible<br>with insulated ferrule<br>Gauge | 18 - 8 AWG   | 18 - 8 AWG   |
|                                                | 0.5 - 10 mm²<br>0.5 - 6 mm²<br>A5                                       |              |              |
| <b>Rated current / Rated cross section</b>     | 40 A / 6 mm²                                                            | 30 A / 8 AWG | 30 A / 8 AWG |
| <b>Rated short-time withstand current (1s)</b> | 720 A                                                                   |              |              |
| <b>Rated voltage</b>                           | 630 V                                                                   | 150 V        | 150 V        |
| <b>Impulse withstand voltage</b>               | 8000 V                                                                  |              |              |
| <b>Protection</b>                              | IP20                                                                    | NEMA 1       |              |

### Mounting instructions

|                        |  |                                            |
|------------------------|--|--------------------------------------------|
| Rail                   |  | G32, TH 35-7.5,<br>TH 35-15                |
| Wire stripping length  |  | 13 mm<br>0.51 in                           |
| Screw clamp Tool       |  | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque                 |  | 0.8 - 1 N.m<br>7.1 - 8.9 lb.in             |
| Disconnect device Tool |  | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque                 |  | 0.5 N.m<br>4.45 lb.in                      |
| Test socket Tool       |  | Flat screwdriver<br>Ø 3.5 mm<br>Ø 0.138 in |
| Torque                 |  | 0.6 N.m<br>5.34 lb.in                      |

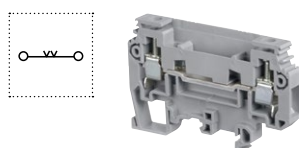
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

|    |      |    |     |        |
|----|------|----|-----|--------|
| CE | RoHS | UL | CSA | Gost R |
|----|------|----|-----|--------|

### Accessories

| Description                                                  | Color                                                                                                                                                              | Type                                           | Part Number                                                                                 | Pkg                        | Weight                                |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------|---------------------------------------|
| <b>1 End stops</b> 10 mm 0.394 in<br>9 mm 0.354 in           | Grey <input type="checkbox"/>                                                                                                                                      | BAM4<br>BAZ1                                   | 1SNK900001R0000<br>1SNK900002R0000                                                          | 50<br>50                   | 12.00<br>4.70                         |
| <b>2 End sections</b> 1 mm 0.039 in                          | Grey <input type="checkbox"/>                                                                                                                                      | FEMT2                                          | 1SNA113629R2700                                                                             | 10                         | 2.00                                  |
| <b>3 Lateral jumper bars 50 A</b>                            | Black <input type="checkbox"/>                                                                                                                                     | PC8-10<br>PC8-R1<br>PC8-R2<br>PC8-R3<br>PC8-R4 | 1SNA163313R2400<br>1SNA400711R0600<br>1SNA400712R0700<br>1SNA400713R0000<br>1SNA400724R0300 | 10<br>10<br>10<br>10<br>10 | 14.00<br>6.60<br>7.84<br>9.00<br>4.50 |
| <b>4 Test sockets</b> DIA 4 mm 0.157 in IP20                 | Black <input type="checkbox"/><br>Green <input type="checkbox"/><br>Grey <input type="checkbox"/><br>Blue <input type="checkbox"/><br>Red <input type="checkbox"/> | AJS9-1<br>AJS9-2<br>AJS9-3<br>AJS9-4<br>AJS9-5 | 1SNA206680R1500<br>1SNA206681R0200<br>1SNA206682R0300<br>1SNA206683R0400<br>1SNA206720R1400 | 25<br>25<br>25<br>25<br>25 | 3.60<br>3.60<br>3.60<br>3.60<br>3.60  |
| <b>5 Test plugs</b> DIA 4 mm 0.157 in IP20                   | Red <input type="checkbox"/>                                                                                                                                       | FC4-1                                          | 1SNA167927R1000                                                                             | 10                         | 11.00                                 |
| <b>6 Short circuit bridges</b> 2 poles<br>3 poles<br>4 poles | Yellow <input type="checkbox"/>                                                                                                                                    | SC-JB8-2<br>SC-JB8-3<br>SC-JB8-4               | 1SNK900652R0000<br>1SNK900653R0000<br>1SNK900654R0000                                       | 25<br>25<br>25             | 2.00<br>3.40<br>4.70                  |
| <b>7 Terminal block markers</b> Blank card                   | White <input type="checkbox"/>                                                                                                                                     | RC810                                          | 1SNA234000R0200                                                                             | 1                          | 8.20                                  |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

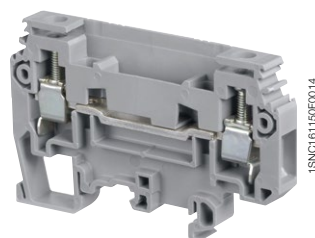


### Feed-through screw clamp terminal blocks

| Description                                         | Color                         | Type     | Part Number     | Pkg           | Weight     |
|-----------------------------------------------------|-------------------------------|----------|-----------------|---------------|------------|
| <b>Feed-through</b> Profile aligned with M6/8.ST... | Grey <input type="checkbox"/> | M6/8.ST7 | 1SNA115243R2600 | 25<br>(1 pce) | 20.00<br>g |

Technical data valid for copper conductors only.

Feed-through - 8 mm 0.315 in spacing



77 3.03"

53.5 2.11"

36 1.42"

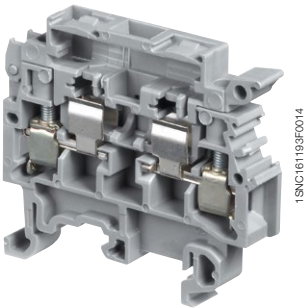
41 1.67"

56 2.21"

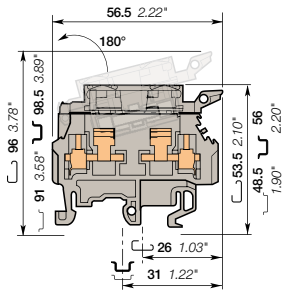
48.5 1.91"

## PAGE 73

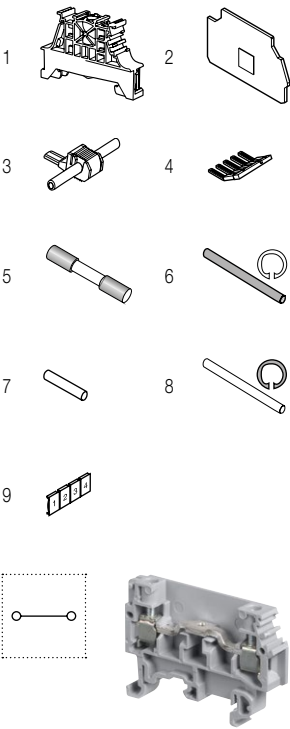
M4/8.SF screw clamp terminal blocks
For 5 x 20 and 5 x 25 fuses - 8 mm 0.315 in spacing



M4/8.SF



8 mm 0.315 in spacing



Description
Protect your circuits with 5x20 and 5x25 fuse terminal blocks (fuse not supplied with terminal blocks).

Table with 6 columns: Description, Color, Type, Part Number, Pkg qty, Weight. Row 1: Fuse, Grey, M4/8.SF, 1SNA115657R2500, 50, 14.00.

Table with 6 columns: Connecting capacity, IEC, UL, CSA, Mounting instructions, and a sub-column for specific instructions. Rows include 1 conductor per clamp, Rated current / Rated cross section, Rated short-time withstand current, Rated voltage, Impulse withstand voltage, Protection, and Torque.

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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

Table with 10 columns for various certifications: CE, RoHS, RoHS, USR, CSA, Gost R, and others.

Table with 6 columns: Description, Color, Type, Part Number, Pkg qty, Weight. Rows include End stops, End sections, Jumper bars, Lateral jumper bars, Fuses, Assembly rods, Neutral cartridges, Spring retaining rings, and Terminal block markers.

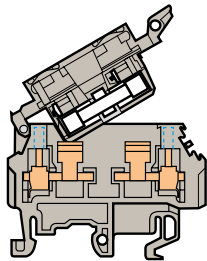
Complete list of accessories is indicated in the terminal block datasheet.
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Table with 6 columns: Description, Color, Type, Part Number, Pkg qty, Weight. Row 1: Feed-through, Grey, M4/8, 1SNA115523R0700, 50, 11.00.

M4/8.SF screw clamp terminal blocks

For 5x20 and 5x25 fuses - 8 mm 0.315 in spacing

|                                                                                   |                                                                                   |                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|
|  |  | 4 mm <sup>2</sup><br>12 AWG |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|



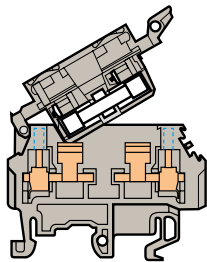
8 mm 0.315 in spacing

Standard block

Ordering details

| Description                                                                          | Color                                                                                    | Type                                                                                 | Part Number                                                                              | Pkg    | Weight          |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|--------|-----------------|
| Fuse                                                                                 | Orange  | M4/8.SF2                                                                             | 1SNA105135R1100                                                                          | qty 50 | (1 pce) 9 14.00 |
| Main technical data                                                                  |                                                                                          |                                                                                      |                                                                                          |        |                 |
| Rated voltage                                                                        | IEC 630 V                                                                                | UL 600 V                                                                             | CSA                                                                                      | Nota   |                 |
| Impulse withstand voltage                                                            | 8000 V                                                                                   |                                                                                      |                                                                                          |        |                 |
| Protection                                                                           | IP20                                                                                     | NEMA 1                                                                               |                                                                                          |        |                 |
|  CE |  RoHS   |  UL |  Gost R |        |                 |

|                                                                                   |                                                                                   |                             |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|
|  |  | 4 mm <sup>2</sup><br>12 AWG |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|



8 mm 0.315 in spacing

With 2 test socket DIA 2 mm 0.079 in

Ordering details

| Description                                                                               |                                                                                             | Color                                                                                      | Type                                                                                       | Part Number                                                                                   | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------|---------------------|
| Fuse                                                                                      | With 2 test socket<br>DIA 2 mm 0.079 in                                                     | Grey    | M4/8.SFT                                                                                   | 1SNA115662R2200                                                                               | 50         | 14.00               |
| Main technical data                                                                       |                                                                                             | IEC                                                                                        | UL                                                                                         | CSA                                                                                           | Nota       |                     |
| Rated voltage                                                                             |                                                                                             | 400 V                                                                                      | 600 V                                                                                      | 250 V                                                                                         |            |                     |
| Impulse withstand voltage                                                                 |                                                                                             | 4000 V                                                                                     |                                                                                            |                                                                                               |            |                     |
| Protection                                                                                |                                                                                             | IP20                                                                                       | NEMA 1                                                                                     |                                                                                               |            |                     |
| <br>CE | <br>RoHS | <br>USR | <br>CSA | <br>Gost R |            |                     |

Accessories

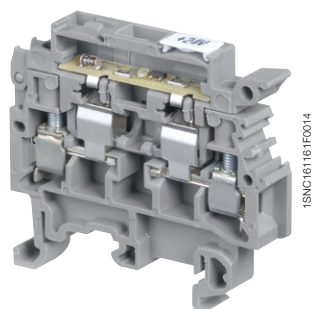
| Description                    | Color | Type | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------------|-------|------|-----------------|------------|---------------------|
| 1 Test plugs DIA 2 mm 0.079 in | Black | FC2  | 1SNA007865R2600 | 100        |                     |



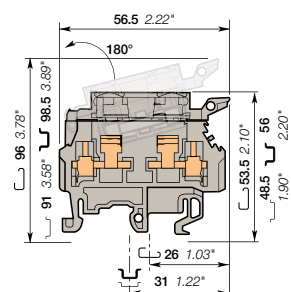
Technical data valid for copper conductors only.

## M4/8.SF screw clamp terminal blocks

For 5x20 and 5x25 fuses - With blown fuse indicator - 8 mm 0.315 in spacing



M4/8.SF



8 mm 0.315 in spacing

### Description

- Protect your circuits with 5x20 and 5x25 fuse terminal blocks (fuse not supplied with terminal blocks),
- Quickly identify the defective circuit thanks to the blown fuse indicator.

### Ordering details

| Description                                                | Color                         | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|------------------------------------------------------------|-------------------------------|-----------|-----------------|------------|-------------------|
| Fuse With blown fuse indicator by LED 24-60 V DC/ 110 V AC | Grey <input type="checkbox"/> | M4/8.SFD3 | 1SNA115935R0400 | 50         | 14.00             |

### Main technical data

| Connecting capacity                     | IEC                                                                  | UL                           | CSA |
|-----------------------------------------|----------------------------------------------------------------------|------------------------------|-----|
| 1 conductor per clamp                   | Rigid - Solid / Stranded<br>Flexible with insulated ferrule<br>Gauge | 0.5-6 mm²<br>0.5-4 mm²<br>A4 |     |
| Rated current / Rated cross section     | 6.3 A / 4 mm²                                                        |                              |     |
| Rated short-time withstand current (1s) |                                                                      |                              |     |
| Rated voltage                           | 400 V                                                                |                              |     |
| Impulse withstand voltage               | 4000 V                                                               |                              |     |
| Protection                              | IP20 NEMA 1                                                          |                              |     |

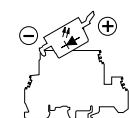
### Mounting instructions

|                       |  |                                          |
|-----------------------|--|------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
| Wire stripping length |  | 9.5 mm<br>0.374 in                       |
| Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in         |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |
| CE | RoHS | Gost R |

### Notes



Blocks with LED indicator are labeled "+" on the outside of the lever. The indicator can be reversed in the field if required.  
Leakage current : 24 V : < 0.5 mA / 110 V : < 2.2 mA

### Accessories

| Description              | Color                          | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|--------------------------|--------------------------------|---------|-----------------|------------|-------------------|
| 1 End stops              | Grey <input type="checkbox"/>  | BAM4    | 1SNK900001R0000 | 50         | 12.00             |
|                          |                                | BAZ1    | 1SNK900002R0000 | 50         | 4.70              |
| 2 End sections           | Grey <input type="checkbox"/>  | FEM8S   | 1SNA116951R1500 | 20         | 2.60              |
| 3 Jumper bars            | Grey <input type="checkbox"/>  | AD2.5   | 1SNA114205R2000 | 50         | 1.60              |
| 4 Lateral jumper bars    |                                | PC81-10 | 1SNA173523R1100 | 10         | 5.00              |
| 5 Fuses                  |                                | FU520   | 1SNA008288R1500 | 10         |                   |
|                          |                                |         | 1SNA008289R1600 | 10         |                   |
|                          |                                |         | 1SNA008290R1300 | 10         |                   |
|                          |                                |         | 1SNA008291R0000 | 10         |                   |
|                          |                                |         | 1SNA008292R0100 | 10         |                   |
| 6 Assembly rods          |                                | TGA8    | 1SNA168672R1100 | 10         | 1.00              |
|                          |                                |         | 1SNA168673R1200 | 10         |                   |
|                          |                                |         | 1SNA168674R1300 | 10         |                   |
| 7 Spring retaining rings |                                | ANT     | 1SNA168675R1400 | 10         |                   |
| 8 Terminal block markers | White <input type="checkbox"/> | RC810   | 1SNA234000R0200 | 1          | 8.20              |

Complete list of accessories is indicated in the terminal block datasheet.

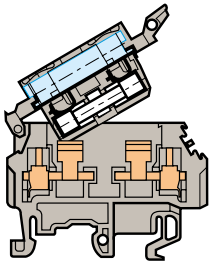
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

M4/8.SF screw clamp terminal blocks

For 5x20 and 5x25 fuses - With blown fuse indicator - 8 mm 0.315 in spacing

|                                                                                   |                                                                                   |                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|
|  |  | 4 mm²<br>12 AWG |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|



8 mm 0.315 in spacing

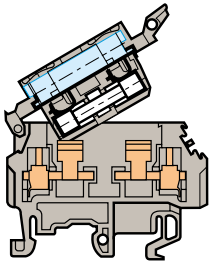
With blown fuse indicator

Ordering details

| Description |                                                | Color | Type                              | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------------------------------|-------|-----------------------------------|-----------------|------------|---------------------|
| Fuse        | With blown fuse indicator by neon 110-230 V AC | Grey  | <input type="checkbox"/> M4/8.SFL | 1SNA115661R2100 | 50         | 14.00               |
|             | With blown fuse indicator by LED 24 V AC/DC    | Grey  | <input type="checkbox"/> M4/8.SFD | 1SNA115663R2300 | 50         | 14.00               |

| Main technical data       | IEC    | UL     | CSA    | Leakage current : |
|---------------------------|--------|--------|--------|-------------------|
| Rated voltage             | 400 V  | 600 V  | 250 V  | 24 V : < 4.5 mA   |
| Impulse withstand voltage | 4000 V |        |        | 110 V : < 0.5 mA  |
| Protection                | IP20   | NEMA 1 |        | 230 V : < 0.7 mA  |
| CE                        | RoHS   | USR    | cCSAus | Gost R            |

|                                                                                   |                                                                                   |                 |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|
|  |  | 4 mm²<br>12 AWG |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------|



8 mm 0.315 in spacing

With blown fuse indicator and 2 test socket DIA 2 mm 0.079 in

Ordering details

| Description |                                                                                    | Color | Type                               | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|------------------------------------------------------------------------------------|-------|------------------------------------|-----------------|------------|---------------------|
| Fuse        | With blown fuse indicator by LED 24 V AC/DC and 2 test socket DIA 2 mm 0.079 in    | Grey  | <input type="checkbox"/> M4/8.SFDT | 1SNA115665R2500 | 50         | 14.00               |
|             | With blown fuse indicator by neon 110-230 V AC and 2 test socket DIA 2 mm 0.079 in | Grey  | <input type="checkbox"/> M4/8.SFLT | 1SNA115667R2700 | 50         | 14.00               |

| Main technical data       | IEC    | UL     | CSA   | Leakage current : |
|---------------------------|--------|--------|-------|-------------------|
| Rated voltage             | 400 V  | 600 V  | 250 V | 24 V : < 4.5 mA   |
| Impulse withstand voltage | 4000 V |        |       | 110 V : < 0.5 mA  |
| Protection                | IP20   | NEMA 1 |       | 230 V : < 0.7 mA  |
| CE                        | RoHS   | USR    | CSA   | Gost R            |

Accessories

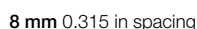
| Description |            | Color             | Type  | Part Number | Pkg<br>qty      | Weight<br>(1 pce) g |
|-------------|------------|-------------------|-------|-------------|-----------------|---------------------|
| 1           | Test plugs | DIA 2 mm 0.079 in | Black | FC2         | 1SNA007865R2600 | 100                 |



1

Technical data valid for copper conductors only.

Disconnect with lever - with test socket - 8 mm 0.315 in spacing



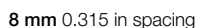






Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-Through - 8 mm 0.315 in spacing



- Simplify the alternated feed-through and fuse circuits operations,
- With the same profile as M4/8.SF, the wiring of the alternated feed-through and fuse circuits is easier.

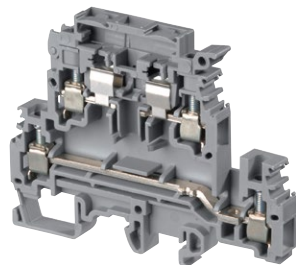
|    |      |        |  |  |  |  |  |  |  |  |
|----|------|--------|--|--|--|--|--|--|--|--|
|    |      |        |  |  |  |  |  |  |  |  |
| CE | RoHS | Gost R |  |  |  |  |  |  |  |  |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

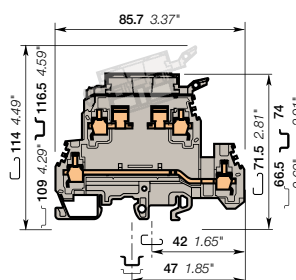


## M4/8.D2.SF screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - 8 mm 0.315 in spacing



M4/8.D2.SF



8 mm 0.315 in spacing

### Description

- Protect your circuits with 5x20 and 5x25 fuse terminal blocks (fuse not supplied with terminal blocks),
- Save space with double deck terminal blocks: 2 independent circuits 1 fuse on upper deck + 1 feed-through.

### Ordering details

| Description | Color                         | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-------------|-------------------------------|------------|-----------------|------------|-------------------|
| Fuse        | Grey <input type="checkbox"/> | M4/8.D2.SF | 1SNA115604R2100 | 50         | 26.00             |

### Main technical data

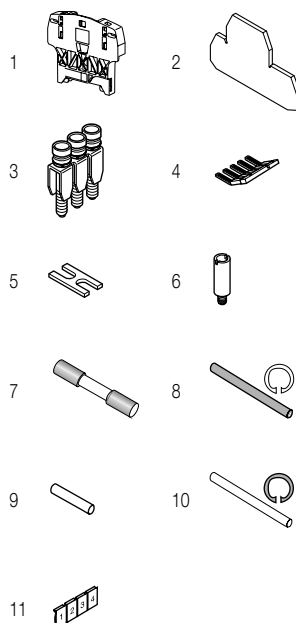
| Connecting capacity                     |                          | IEC           | UL            | CSA           |
|-----------------------------------------|--------------------------|---------------|---------------|---------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded | 0.5-6 mm²     | 24-12 AWG     | 24-12 AWG     |
|                                         | Flexible                 | 0.5-4 mm²     |               |               |
|                                         | with insulated ferrule   |               |               |               |
|                                         | Gauge                    | A4            |               |               |
| Rated current / Rated cross section     |                          | 6.3 A / 4 mm² | 20 A / 12 AWG | 10 A / 12 AWG |
| Rated short-time withstand current (1s) |                          |               |               |               |
| Rated voltage                           |                          | 630 V         | 300 V         | 250 V         |
| Impulse withstand voltage               |                          | 8000 V        |               |               |
| Protection                              |                          | IP20          | NEMA 1        |               |

### Mounting instructions

|                       |  |                                          |
|-----------------------|--|------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                 |
| Wire stripping length |  | 9.5 mm<br>0.37 in                        |
| Tool                  |  | Flat screwdriver<br>Ø 4 mm<br>Ø 0.157 in |
| Torque                |  | 0.5 - 0.8 N.m<br>4.4 - 7.1 lb.in         |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|----|------|---------|-----|--------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|



### Accessories

| Description               | Color                          | Type                                          | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|---------------------------|--------------------------------|-----------------------------------------------|-----------------|------------|-------------------|
| 1 End stops               | Grey <input type="checkbox"/>  | BAZH1                                         | 1SNK900102R0000 | 50         | 24.00             |
| 2 End sections            | Grey <input type="checkbox"/>  | FEM8D2S                                       | 1SNA116913R0700 | 20         | 10.00             |
| 3 Jumper bars             |                                | 2 poles                                       | BJMI8-2         | 10         | 4.50              |
|                           |                                | 3 poles                                       | BJMI8-3         | 10         | 6.00              |
|                           |                                | 4 poles                                       | BJMI8-4         | 10         | 10.00             |
|                           |                                | 10 poles                                      | BJMI8-10        | 10         | 20.00             |
| 4 Lateral jumper bars     |                                | 10 poles                                      | PC81-10         | 10         | 5.00              |
| 5 Cross spacing jumpers   |                                | 5 mm 0.200 in - 6 mm 0.236 in - 8 mm 0.315 in | EL6             | 10         | 0.10              |
| 6 Test sockets            |                                | DIA 2 mm 0.079 in                             | AL2             | 50         | 0.90              |
|                           |                                | DIA 3 mm 0.120 in                             | AL3             | 50         | 1.20              |
|                           |                                | DIA 4 mm 0.157 in                             | AL4-M3          | 50         | 1.10              |
| 7 Fuses                   |                                | 0.5 A                                         | FU520           | 10         |                   |
|                           |                                | 1 A                                           |                 | 10         |                   |
|                           |                                | 2 A                                           |                 | 10         |                   |
| 8 Assembly rods           |                                | 2 poles                                       | TGA8            | 10         | 1.00              |
|                           |                                | 3 poles                                       |                 | 10         |                   |
|                           |                                | 4 poles                                       |                 | 10         |                   |
|                           |                                |                                               |                 | 10         |                   |
| 9 Neutral cartridges      |                                | CN5                                           | 1SNA179371R1600 | 10         | 3.90              |
| 10 Spring retaining rings |                                | ANT                                           | 1SNA168675R1400 | 10         |                   |
| 11 Terminal block markers | White <input type="checkbox"/> | RC810                                         | 1SNA234000R0200 | 1          | 8.20              |

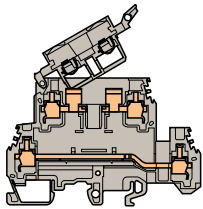
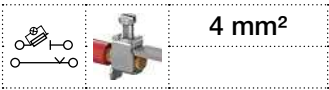
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

M4/8.D2.SF screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator - 8 mm 0.315 in spacing

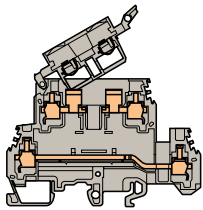


8 mm 0.315 in spacing

With blown fuse indicator by LED

Ordering details

| Description                                            |      | Color  | Type         | Part Number     | Pkg               | Weight |
|--------------------------------------------------------|------|--------|--------------|-----------------|-------------------|--------|
| Fuse                                                   |      | Grey   | M4/8.D2.SFD3 | 1SNA115936R0500 | 50                | 30.00  |
| With blown fuse indicator by LED 24-60 V DC / 110 V AC |      |        |              |                 |                   |        |
| Main technical data                                    |      | IEC    | UL           | CSA             | Leakage current : |        |
| Rated voltage                                          |      | 500 V  |              |                 | 24 V : < 0.5 mA   |        |
| Impulse withstand voltage                              |      | 6000 V |              |                 | 110 V : < 2.2 mA  |        |
| Protection                                             |      | IP20   | NEMA 1       |                 |                   |        |
| CE                                                     | RoHS | PCB    | Gost R       |                 |                   |        |
| CE                                                     | RoHS |        |              |                 |                   |        |

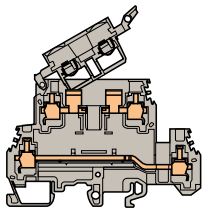


8 mm 0.315 in spacing

With blown fuse indicator by neon

Ordering details

| Description                                    |      | Color  | Type        | Part Number     | Pkg               | Weight |
|------------------------------------------------|------|--------|-------------|-----------------|-------------------|--------|
| Fuse                                           |      | Grey   | M4/8.D2.SFL | 1SNA115646R2200 | 50                | 30.00  |
| With blown fuse indicator by neon 110-230 V AC |      |        |             |                 |                   |        |
| Main technical data                            |      | IEC    | UL          | CSA             | Leakage current : |        |
| Rated voltage                                  |      | 500 V  | 300 V       | 250 V           | 110 V : < 0.5 mA  |        |
| Impulse withstand voltage                      |      | 6000 V |             |                 | 230 V : < 0.7 mA  |        |
| Protection                                     |      | IP20   | NEMA 1      |                 |                   |        |
| CE                                             | RoHS | UL     | CSA         | PCB             | Gost R            |        |
| CE                                             | RoHS |        |             |                 |                   |        |



8 mm 0.315 in spacing

With blown fuse indicator

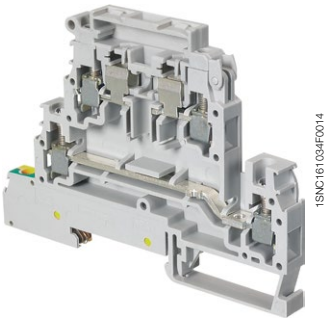
Ordering details

| Description                                 |      | Color  | Type        | Part Number     | Pkg               | Weight |
|---------------------------------------------|------|--------|-------------|-----------------|-------------------|--------|
| Fuse                                        |      | Grey   | M4/8.D2.SFD | 1SNA115647R2300 | 50                | 30.00  |
| With blown fuse indicator by LED 24 V AC/DC |      |        |             |                 |                   |        |
| Main technical data                         |      | IEC    | UL          | CSA             | Leakage current : |        |
| Rated voltage                               |      | 500 V  |             | 250 V           | 24 V : < 4.5 mA   |        |
| Impulse withstand voltage                   |      | 6000 V |             |                 |                   |        |
| Protection                                  |      | IP20   | NEMA 1      |                 |                   |        |
| CE                                          | RoHS | CSA    | PCB         | Gost R          |                   |        |
| CE                                          | RoHS |        |             |                 |                   |        |

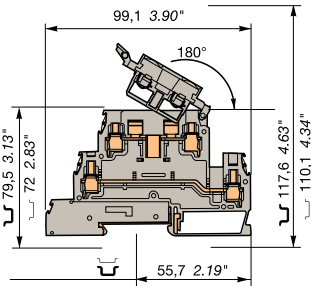
Technical data valid for copper conductors only.

D4/8.D2.P.SF screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - 8 mm 0.315 in spacing



D4/8.D2.P.SF



8 mm 0.315 in spacing

Description

- Protect your circuits with 5x20 and 5x25 fuse terminal blocks (fuse not supplied with terminal blocks),
- Save space with double deck terminal blocks: 2 independent circuits 1 fuse on upper deck + 1 feed-through + 1 ground.

Ordering details

| Description | Color | Type         | Part Number     | Pkg qty | Weight (1 pce) |
|-------------|-------|--------------|-----------------|---------|----------------|
| Fuse        | Grey  | D4/8.D2.P.SF | 1SNA400270R2000 | 25      | 35.00          |

Main technical data

| Connecting capacity                     |                                 | IEC           | UL             | CSA            |
|-----------------------------------------|---------------------------------|---------------|----------------|----------------|
| 1 conductor per clamp                   | Rigid - Solid / Stranded        | 0.5-6 mm²     | 20-12 AWG      | 20-12 AWG      |
|                                         | Flexible with insulated ferrule | 0.5-4 mm²     |                |                |
|                                         | Gauge                           | A4            |                |                |
|                                         |                                 |               |                |                |
| Rated current / Rated cross section     |                                 | 6.3 A / 4 mm² | 6.3 A / 12 AWG | 6.3 A / 12 AWG |
| Rated short-time withstand current (1s) |                                 |               |                |                |
| Rated voltage                           |                                 | 300 V         | 300 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 |  | 9.5 mm 0.37 in                     |
| Tool                  |  | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque                |  | 0.5 - 0.8 N.m 4.4 - 7.1 lb.in      |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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 | Gost R |
|----|------|-----|-----|--------|

Accessories

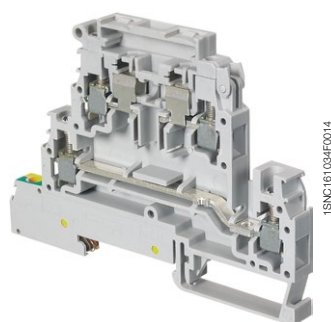
| Description               | Color | Type     | Part Number     | Pkg qty | Weight (1 pce) |
|---------------------------|-------|----------|-----------------|---------|----------------|
| 1 End stops               | Grey  | BAZH1    | 1SNK900102R0000 | 50      | 24.00          |
| 2 End sections            | Grey  | FEM8D2S1 | 1SNA400273R1700 | 20      | 4.60           |
| 3 Jumper bars             |       | BJM8     | 1SNA168520R0500 | 10      | 5.00           |
|                           |       |          | 1SNA168521R2200 | 10      | 7.00           |
|                           |       |          | 1SNA168522R2300 | 10      | 9.50           |
|                           |       |          | 1SNA168974R0000 | 10      | 23.70          |
| 4 Lateral jumper bars     |       | PC81-10  | 1SNA173523R1100 | 10      | 5.00           |
| 5 Cross spacing jumpers   |       | EL6      | 1SNA173627R2100 | 10      | 0.10           |
| 6 Test sockets            |       | AL2      | 1SNA163043R2100 | 50      | 0.90           |
|                           |       | AL4-M3   | 1SNA206721R0100 | 50      | 1.10           |
| 7 Fuses                   |       | FU520    | 1SNA008288R1500 | 10      |                |
|                           |       |          | 1SNA008290R1300 | 10      |                |
|                           |       |          | 1SNA008291R0000 | 10      |                |
| 8 Assembly rods           |       | TGA8     | 1SNA168672R1100 | 10      | 1.00           |
|                           |       |          | 1SNA168673R1200 | 10      |                |
|                           |       |          | 1SNA168674R1300 | 10      |                |
| 9 Neutral cartridges      |       | CN5      | 1SNA179371R1600 | 10      | 3.90           |
| 10 Spring retaining rings |       | ANT      | 1SNA168675R1400 | 10      |                |
| 11 Terminal block markers | White | RC810    | 1SNA234000R0200 | 1       | 8.20           |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

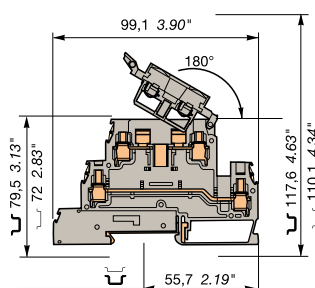
Technical data valid for copper conductors only.

## D4/8.D2.P.SF screw clamp terminal blocks

For 5 x 20 and 5 x 25 fuses - with blown fuse indicator - 8 mm 0.315 in spacing



D4/8.D2.P.SF



8 mm 0.315 in spacing

### Description

- Protect your circuits with 5x20 and 5x25 fuse terminal blocks (fuse not supplied with terminal blocks),
- Save space with double deck terminal blocks: 2 independent circuits 1 fuse on upper deck + 1 feed-through + 1 ground,
- Quickly identify the defective circuit thanks to the blown fuse indicator.

### Ordering details

| Description                                            | Color | Type          | Part Number     | Pkg qty | Weight (1 pce) g |
|--------------------------------------------------------|-------|---------------|-----------------|---------|------------------|
| Fuse With blown fuse indicator by neon 110-230 V AC    | Grey  | D4/8.D2.P.SFL | 1SNA400271R1500 | 25      | 35.00            |
| With blown fuse indicator by LED 24-60 V DC / 110 V AC | Grey  | D4/8.D2.P.SFD | 1SNA400272R1600 | 25      | 35.00            |

### Main technical data

| Connecting capacity                     | IEC           | UL             | CSA            |
|-----------------------------------------|---------------|----------------|----------------|
| 1 conductor per clamp                   |               |                |                |
| Rigid - Solid / Stranded                | 0.5-6 mm²     | 20-12 AWG      | 20-12 AWG      |
| Flexible                                | 0.5-4 mm²     |                |                |
| with insulated ferrule                  |               |                |                |
| Gauge                                   | A4            |                |                |
| Rated current / Rated cross section     | 6.3 A / 4 mm² | 6.3 A / 12 AWG | 6.3 A / 12 AWG |
| Rated short-time withstand current (1s) |               |                |                |
| Rated voltage                           | 300 V         | 300 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 |  | 9.5 mm 0.37 in                     |
| Tool                  |  | Flat screwdriver Ø 4 mm Ø 0.157 in |
| Torque                |  | 0.5 - 0.8 N.m 4.4 - 7.1 lb.in      |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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 | Gost R |
|----|------|-----|-----|--------|

### Notes



Blocks with LED indicator are labeled "+" on the outside of the lever. The indicator can be reversed in the field if required.

Leakage current D4/8.D2.P.SFL: 110 V : < 0.5 mA / 230 V : < 0.7 mA

Leakage current D4/8.D2.P.SFD: 24 V : < 0.5 mA / 110 V : < 2.2 mA

### Accessories

| Description               | Color | Type     | Part Number     | Pkg qty | Weight (1 pce) g |
|---------------------------|-------|----------|-----------------|---------|------------------|
| 1 End stops               | Grey  | BAZH1    | 1SNK900102R0000 | 50      | 24.00            |
| 2 End sections            | Grey  | FEM8D2S1 | 1SNA400273R1700 | 20      | 4.60             |
| 3 Jumper bars             |       | BJM8     | 1SNA168520R0500 | 10      | 5.00             |
|                           |       |          | 1SNA168521R2200 | 10      | 7.00             |
|                           |       |          | 1SNA168522R2300 | 10      | 9.50             |
|                           |       |          | 1SNA168974R0000 | 10      | 23.70            |
| 4 Lateral jumper bars     |       | PC81-10  | 1SNA173523R1100 | 10      | 5.00             |
| 5 Cross spacing jumpers   |       | EL6      | 1SNA173627R2100 | 10      | 0.10             |
| 6 Test sockets            |       | AL2      | 1SNA163043R2100 | 50      | 0.90             |
|                           |       | AL4-M3   | 1SNA206721R0100 | 50      | 1.10             |
| 7 Fuses                   |       | FU520    | 1SNA008288R1500 | 10      |                  |
|                           |       |          | 1SNA008290R1300 | 10      |                  |
|                           |       |          | 1SNA008291R0000 | 10      |                  |
| 8 Assembly rods           |       | TGA8     | 1SNA168672R1100 | 10      | 1.00             |
|                           |       |          | 1SNA168673R1200 | 10      |                  |
|                           |       |          | 1SNA168674R1300 | 10      |                  |
| 9 Neutral cartridges      |       | CN5      | 1SNA179371R1600 | 10      | 3.90             |
| 10 Spring retaining rings |       | ANT      | 1SNA168675R1400 | 10      |                  |
| 11 Terminal block markers | White | RC810    | 1SNA234000R0200 | 1       | 8.20             |

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

1SNC161081S0201 - Rev. B

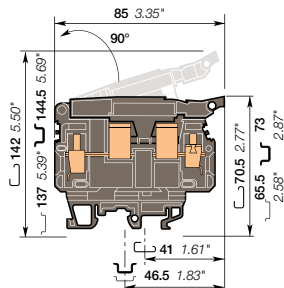
## ML10/13.SF screw clamp terminal blocks

For 6.3 x 25 and 6.3 x 32 fuses - 13 mm 0.512 in spacing

|  |  |                          |
|--|--|--------------------------|
|  |  | <b>10 mm<sup>2</sup></b> |
|  |  | <b>10 AWG</b>            |



ML10/13.SF



13 mm 0.512 in spacing

### Description

Protect your circuits with 6.35 x 25.4 mm (¼ x 1 in) and 6.35 x 32 mm (¼ x 1¼ in) fuse terminal blocks (fuse not supplied with terminal blocks).

### Ordering details

| Description | Color   | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|---------|------------|-----------------|------------|---------------------|
| Fuse        | Black ■ | ML10/13.SF | 1SNA199095R1300 | 20         | 51.00               |

### Main technical data

| Connecting capacity                     |                                 | IEC                       | UL            | CSA          |
|-----------------------------------------|---------------------------------|---------------------------|---------------|--------------|
| 1 conductor<br>per clamp                | Rigid - Solid / Stranded        | 0.5-16 mm <sup>2</sup>    | 22-10 AWG     | 22-8 AWG     |
|                                         | Flexible with insulated ferrule | 0.5-10 mm <sup>2</sup>    |               |              |
|                                         | Gauge                           | A6                        |               |              |
| Rated current / Rated cross section     |                                 | 16 A / 10 mm <sup>2</sup> | 25 A / 10 AWG | 25 A / 8 AWG |
| Rated short-time withstand current (1s) |                                 |                           |               |              |
| Rated voltage                           |                                 | 800 V                     | 600 V         | 600 V        |
| Impulse withstand voltage               |                                 | 8000 V                    |               |              |
| Protection                              |                                 |                           | NEMA          |              |

### Mounting instructions

|                       |  |                                            |
|-----------------------|--|--------------------------------------------|
| Rail                  |  | G32, TH 35-7.5, TH 35-15                   |
| Wire stripping length |  | 12 mm<br>0.472 in                          |
| Tool                  |  | Flat screwdriver<br>Ø 5.5 mm<br>Ø 0.217 in |
| Torque                |  | 1.2 - 1.4 N.m<br>10.6 - 12.3 lb.in         |

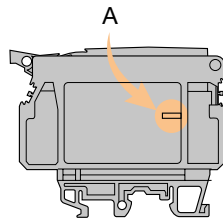
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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 | UL | CSA | Gost R |
| CE | RoHS | UL | CSA | Gost R |

### Notes

A: Use of the BJS requires the user to cut out the partition.



### Accessories

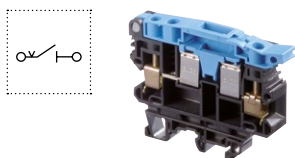
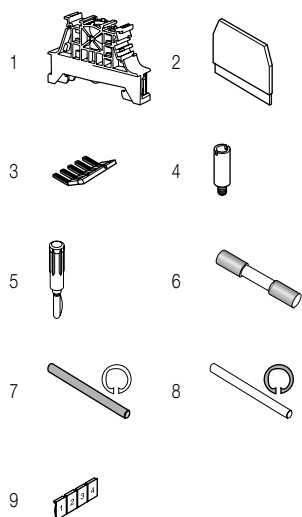
| Description              | Color      | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|--------------------------|------------|---------|-----------------|------------|---------------------|
| 1 End stops              | Grey ■     | BAM4    | 1SNK900001R0000 | 50         | 12.00               |
|                          |            | BAZ1    | 1SNK900002R0000 | 50         | 4.70                |
| 2 End sections           | Black ■    | FEM13U  | 1SNA199635R2400 | 10         | 5.80                |
| 3 Lateral jumper bars    |            | PC13-10 | 1SNA173510R2000 | 10         | 26.00               |
| 4 Test sockets           | Black ■    | AL2     | 1SNA163043R2100 | 50         | 0.90                |
|                          |            | AL3     | 1SNA163261R0000 | 50         | 1.20                |
|                          |            | AL4-M3  | 1SNA206721R0100 | 50         | 1.10                |
| 5 Test plugs             | Black ■    | FC2     | 1SNA007865R2600 | 100        |                     |
|                          |            | FC4     | 1SNA167860R0100 | 10         | 10.00               |
| 6 Fuses                  | White □    | FU633   | 1SNA168556R0500 | 10         |                     |
|                          |            |         | 1SNA168558R1700 | 10         |                     |
|                          |            |         | 1SNA168560R1500 | 10         |                     |
| 7 Assembly rods          |            | TGA13   | 1SNA168564R0500 | 10         |                     |
|                          |            |         | 1SNA168565R0600 | 10         |                     |
|                          |            |         | 1SNA168566R0700 | 10         |                     |
|                          |            |         | 1SNA168675R1400 | 10         |                     |
| 8 Spring retaining rings |            | ANT     | 1SNA168675R1400 | 10         |                     |
| 9 Terminal block markers | Blank card | White □ | RC1010          | 1          | 1.30                |

Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

### Disconnect screw clamp terminal blocks

| Description | Color         | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|-------------|---------------|------------|-----------------|------------|---------------------|
| Disconnect  | Black, blue ■ | ML10/13.SN | 1SNA199105R2200 | 20         | 59.00               |

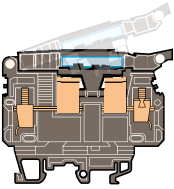


Technical data valid for copper conductors only.

ML10/13.SF screw clamp terminal blocks

For 6.3 x 25 and 6.3 x 32 fuses - with blown fuse indicator - 13 mm 0.512 in spacing

|                                                                                   |                                                                                   |                  |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|
|  |  | 10 mm²<br>10 AWG |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|



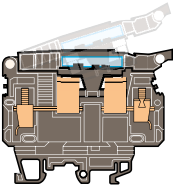
13 mm 0.512 in spacing

With blown fuse indicator by neon

Ordering details

| Description               |                                                   | Color      | Type        | Part Number      | Pkg<br>qty        | Weight<br>(1 pce) g |
|---------------------------|---------------------------------------------------|------------|-------------|------------------|-------------------|---------------------|
| Fuse                      | With blown fuse indicator<br>by neon 110-230 V AC | Black ■    | ML10/13.SFL | 1SNA199168R0000  | 20                | 54.00               |
| Main technical data       |                                                   | IEC        | UL          | CSA              | Leakage current : |                     |
| Rated voltage             |                                                   | 800 V      | 600 V       | 600 V            | 110 V : < 0.5 mA  |                     |
| Impulse withstand voltage |                                                   | 8000 V     |             |                  | 230 V : < 0.7 mA  |                     |
| Protection                |                                                   |            | NEMA        |                  |                   |                     |
| CE<br>CE                  | RoHS<br>RoHS                                      | UL<br>ULSR | CSA<br>CSA  | Gost R<br>Gost R |                   |                     |

|                                                                                     |                                                                                     |                  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|
|  |  | 10 mm²<br>10 AWG |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|



13 mm 0.512 in spacing

With blown fuse indicator by LED

Ordering details

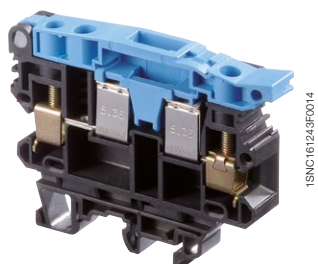
| Description               |                                                  | Color      | Type        | Part Number      | Pkg<br>qty        | Weight<br>(1 pce) g |
|---------------------------|--------------------------------------------------|------------|-------------|------------------|-------------------|---------------------|
| Fuse                      | With blown fuse indica-<br>tor by LED 24 V AC/DC | Black ■    | ML10/13.SFD | 1SNA199166R2600  | 20                | 54.00               |
| Main technical data       |                                                  | IEC        | UL          | CSA              | Leakage current : |                     |
| Rated voltage             |                                                  | 800 V      | 600 V       | 600 V            | 24 V : < 4.5 mA   |                     |
| Impulse withstand voltage |                                                  | 8000 V     |             |                  |                   |                     |
| Protection                |                                                  |            | NEMA        |                  |                   |                     |
| CE<br>CE                  | RoHS<br>RoHS                                     | UL<br>ULSR | CSA<br>CSA  | Gost R<br>Gost R |                   |                     |

Technical data valid for copper conductors only.

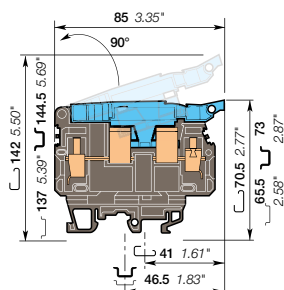
# ML10/13.SN screw clamp terminal blocks

## Disconnect with lever - 13 mm 0.512 in spacing

|  |  |                          |
|--|--|--------------------------|
|  |  | <b>10 mm<sup>2</sup></b> |
|  |  | <b>10 AWG</b>            |



ML10/13.SN



13 mm 0.512 in spacing

### Description

- Simplify the disconnect operations for the disconnect terminal blocks installed next to fuse terminal blocks ML10/13.SF..,
- With the same profile as ML10/13.SF, the ML10/13.SN disconnect lever is easily operated by hand and the wiring of the alternated disconnect and fuse circuits is easier,
- Link bar for lever included in terminal block.

### Ordering details

| Description                                              | Color       | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|----------------------------------------------------------|-------------|------------|-----------------|------------|-------------------|
| <b>Disconnect</b> With test sockets<br>DIA 2 mm 0.079 in | Black, blue | ML10/13.SN | 1SNA199105R2200 | 20         | 59.00             |

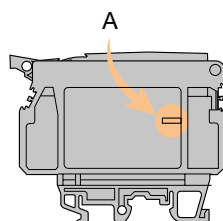
### Main technical data

| Connecting capacity                            | IEC                       | UL            | CSA          |
|------------------------------------------------|---------------------------|---------------|--------------|
| <b>1 conductor per clamp</b>                   |                           |               |              |
| Rigid - Solid / Stranded                       | 0.5-16 mm <sup>2</sup>    | 22-10 AWG     | 22-8 AWG     |
| Flexible with insulated ferrule                | 0.5-10 mm <sup>2</sup>    |               |              |
| Gauge                                          | A6                        |               |              |
| <b>Rated current / Rated cross section</b>     | 16 A / 10 mm <sup>2</sup> | 25 A / 10 AWG | 25 A / 8 AWG |
| <b>Rated short-time withstand current (1s)</b> | 180 A                     |               |              |
| <b>Rated voltage</b>                           | 800 V                     | 600 V         | 600 V        |
| <b>Impulse withstand voltage</b>               | 8000 V                    |               |              |
| <b>Protection</b>                              |                           | NEMA          |              |

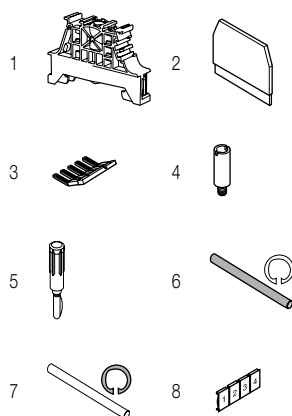
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

|    |      |    |     |        |
|----|------|----|-----|--------|
| CE | RoHS | UL | CSA | Gost R |
| CE | RoHS | UL | CSA | Gost R |

### Notes



A: Use of the BJS requires the user to cut out the partition.



### Accessories

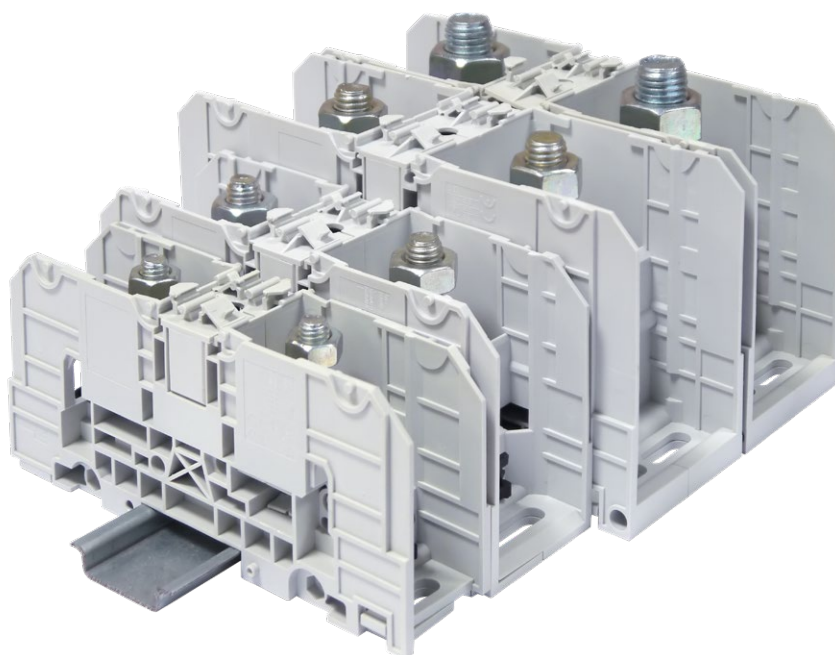
| Description                     | Color | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|---------------------------------|-------|---------|-----------------|------------|-------------------|
| <b>1 End stops</b>              | Grey  | BAM4    | 1SNK900001R0000 | 50         | 12.00             |
|                                 |       | BAZ1    | 1SNK900002R0000 | 50         | 4.70              |
| <b>2 End sections</b>           | Black | FEM13U  | 1SNA199635R2400 | 10         | 5.80              |
| <b>3 Lateral jumper bars</b>    |       | PC13-10 | 1SNA173510R2000 | 10         | 26.00             |
| <b>4 Test sockets</b>           |       | AL2     | 1SNA163043R2100 | 50         | 0.90              |
|                                 |       | AL3     | 1SNA163261R0000 | 50         | 1.20              |
|                                 |       | AL4-M3  | 1SNA206721R0100 | 50         | 1.10              |
| <b>5 Test plugs</b>             | Black | FC2     | 1SNA007865R2600 | 100        |                   |
|                                 | White | FC4     | 1SNA167860R0100 | 10         |                   |
| <b>6 Assembly rods</b>          |       | TGA13   | 1SNA168564R0500 | 10         |                   |
|                                 |       |         | 1SNA168565R0600 | 10         |                   |
|                                 |       |         | 1SNA168566R0700 | 10         |                   |
| <b>7 Spring retaining rings</b> |       | ANT     | 1SNA168675R1400 | 10         |                   |
| <b>8 Terminal block markers</b> | White | RC1010  | 1SNA238000R1600 | 1          | 1.30              |

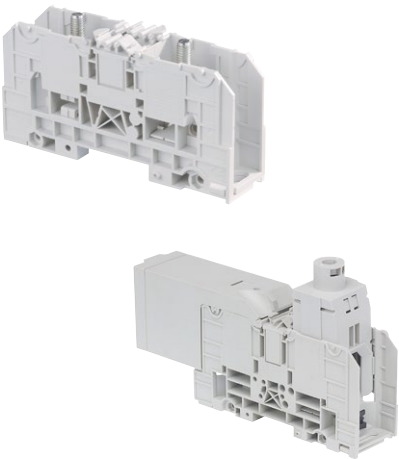
Complete list of accessories is indicated in the terminal block datasheet.

Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.







|                                          |               |
|------------------------------------------|---------------|
| Overview                                 | 90            |
| <b>Feed-through stud</b>                 |               |
| 35 mm² / 1 AWG                           | D35/27.FF 91  |
| 70 mm² / 000 AWG                         | D70/32.FF 92  |
| 120 mm² / 300 Kcmil                      | D120/42.FF 93 |
| 185 mm² / 500 Kcmil                      | D185/55.FF 94 |
| 300 mm² / 1000 Kcmil                     | D300/55.FF 95 |
| <b>Feed-through stud and screw clamp</b> |               |
| 35 mm² / 1 AWG                           | D35/27.AF 96  |
| 70 mm² / 000 AWG                         | D70/32.AF 97  |
| 120 mm² / 300 AWG                        | D120/42.AF 98 |
| 185 mm² / 500 AWG                        | D185/55.AF 99 |
| Mounting instructions                    | 100           |



Feed-through

| Section |            |            |                |            |                |
|---------|------------|------------|----------------|------------|----------------|
| IEC     | UL/CSA     |            |                |            |                |
| 35 mm²  | 1 AWG      | D35/27.FF  | 27 mm 1.063 in | D35/27.AF  | 27 mm 1.063 in |
| 70 mm²  | 000 AWG    | D70/32.FF  | 32 mm 1.260 in | D70/32.AF  | 32 mm 1.260 in |
| 120 mm² | 300 Kcmil  | D120/42.FF | 42 mm 1.654 in | D120/42.AF | 42 mm 1.654 in |
| 185 mm² | 500 Kcmil  | D185/55.FF | 55 mm 2.165 in | D185/55.AF | 55 mm 2.165 in |
| 300 mm² | 1000 Kcmil | D300/55.FF | 55 mm 2.165 in |            |                |

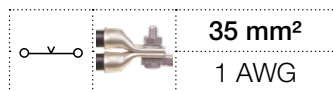


Terminal -



Hole for testing or jumpering

Feed-through - 27 mm 1.062 in spacing

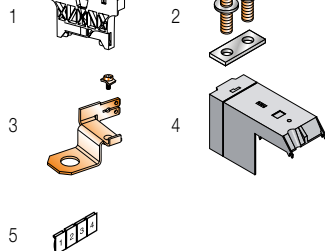


- Rated cross section up to 300 mm<sup>2</sup> / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

| Description                            | Color                         | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|----------------------------------------|-------------------------------|-----------|-----------------|------------|-------------------|
| Feed-through 2 studs M6 without cover: | Grey <input type="checkbox"/> | D35/27.FF | 1SNA190001R2000 | 10         | 130.00            |

| <b>Connecting capacity</b>       |                          | <b>NF C</b> | <b>DIN</b> | <b>UL</b> | <b>CSA</b> |
|----------------------------------|--------------------------|-------------|------------|-----------|------------|
| <b>Lugs</b>                      | Rigid - Solid / Stranded | 2.5-35 mm²  | 2.5-50 mm² | 1 AWG     |            |
|                                  | Flexible                 | 2.5-35 mm²  | 2.5-35 mm² |           |            |
|                                  | Gauge                    | C4          |            |           |            |
|                                  |                          |             |            |           |            |
| <b>Screw clamp</b>               | Rigid - Solid / Stranded |             |            |           |            |
|                                  | Flexible                 |             |            |           |            |
|                                  | Gauge                    |             |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |
| <b>Rated current</b>             |                          | 125 A       |            | 125 A     |            |
| <b>Rated cross section</b>       |                          | 35 mm²      |            | 1 AWG     |            |
| <b>Rated voltage</b>             |                          | 1000 V      |            | 600 V     |            |
| <b>Impulse withstand voltage</b> |                          | 8000 V      |            |           |            |
|                                  |                          |             |            |           |            |
|                                  |                          | <b>IEC</b>  |            | <b>UL</b> | <b>CSA</b> |
| <b>Bar</b>                       |                          |             |            |           |            |

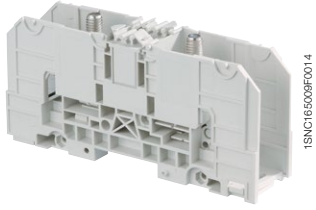
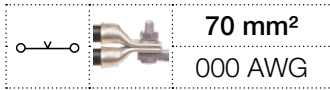
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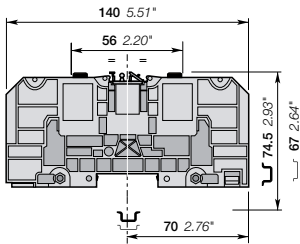
| Description |                        |                                        | Color                                                                                     | Type    | Part Number     | Pkg | Weight |
|-------------|------------------------|----------------------------------------|-------------------------------------------------------------------------------------------|---------|-----------------|-----|--------|
| 1           | End stops              | 12 mm 0.472 in                         | Grey   | BAZH1   | 1SNK900102R0000 | 50  | 24.00  |
| 2           | Jumper bars            | 2 poles                                |                                                                                           | BJS27-2 | 1SNA205772R1300 | 5   | 34.00  |
|             |                        | 3 poles                                |                                                                                           | BJS27-3 | 1SNA205773R1400 | 5   | 52.00  |
| 3           | Splitters              | For 6.35x0.8mm faston clips and screws |                                                                                           | DRF6    | 1SNA205767R1600 | 10  | 4.00   |
| 4           | Protecting covers      | IP20 rotating protecting cover         | Grey   | CPUF35  | 1SNA190016R1600 | 2   | 8.30   |
| 5           | Terminal block markers | Blank card                             | White  | RC810   | 1SNA234000R0200 | 1   | 8.20   |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-through - 32 mm 1.260 in spacing



**D70/32.FF**



**32 mm 1.260 in spacing**

### Description

- Rated cross section up to 300 mm<sup>2</sup> / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

## Ordering details

| Description         |                          | Color                                                                                  | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pc) g |
|---------------------|--------------------------|----------------------------------------------------------------------------------------|-----------|-----------------|------------|--------------------|
| <b>Feed-through</b> | 2 studs M8 without cover | Grey  | D70/32.FF | 1SNA190002R2100 | 3          | 269.00             |

## Main technical data

| Connecting capacity |                          | NF C     | DIN      | UL      | CSA |
|---------------------|--------------------------|----------|----------|---------|-----|
| Lugs                | Rigid - Solid / Stranded | 6-95 mm² | 6-70 mm² | 000 AWG |     |
|                     | Flexible                 | 6-70 mm² | 6-70 mm² |         |     |
|                     | Gauge                    | C6       |          |         |     |

Screw clamp

|             |                          | IEC | UL | CSA |
|-------------|--------------------------|-----|----|-----|
| Screw clamp | Rigid - Solid / Stranded |     |    |     |
|             | Flexible                 |     |    |     |
|             | Gauge                    |     |    |     |

---

---

Bar

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|                     | IEC                | UL      | CSA |
|---------------------|--------------------|---------|-----|
| Bar                 |                    |         |     |
| Rated current       | 192 A              | 170 A   |     |
| Rated cross section | 70 mm <sup>2</sup> | 000 AWG |     |

Impulse withstand voltage

[illegible]

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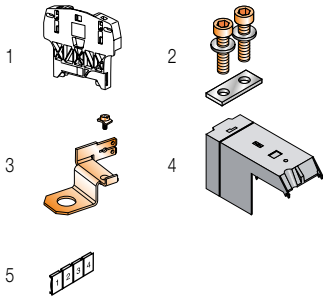












## Accessories

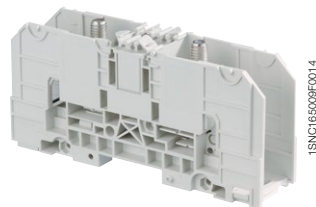
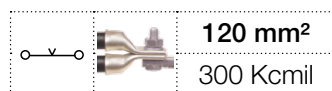
| Description |                        |                                        |          | Color                                                                                     | Type    | Part Number      | Pkg<br>qty | Weight<br>(1 pc) |
|-------------|------------------------|----------------------------------------|----------|-------------------------------------------------------------------------------------------|---------|------------------|------------|------------------|
| 1           | End stops              | 12 mm                                  | 0.472 in | Grey   | BAZH1   | 1SNK900102R0000  | 50         | 24.00            |
| 2           | Jumper bars            | 2 poles                                |          |                                                                                           | BJS32-2 | 1SNA205774R1500  | 5          | 66.00            |
|             |                        | 3 poles                                |          |                                                                                           | BJS32-3 | 1SNA205775R1600  | 5          | 105.80           |
| 3           | Splitters              | For 6.35x0.8mm faston clips and screws |          |                                                                                           | DRF8    | 1SNA205768R2700  | 10         | 5.00             |
| 4           | Protecting covers      | IP20 rotating protecting cover         |          | Grey   | CPUF70  | 1SNA1900171R1700 | 2          | 12.00            |
| 5           | Terminal block markers | Blank card                             |          | White  | RCB10   | 1SNA234000R0200  | 1          | 8.20             |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

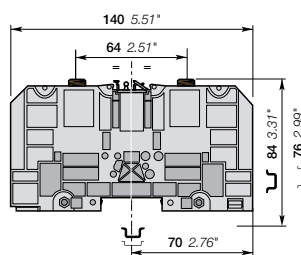
Technical data valid for copper conductors only.

# D120/42.FF power terminal blocks

## Feed-through - 42 mm 1.653 in spacing



D120/42.FF



42 mm 1.653 in spacing

### Description

- Rated cross section up to 300 mm<sup>2</sup> / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

### Ordering details

| Description                            | Color                         | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------------------------------|-------------------------------|------------|-----------------|------------|---------------------|
| Feed-through 2 studs M10 without cover | Grey <input type="checkbox"/> | D120/42.FF | 1SNA190003R2200 | 1          | 423.00              |

### Main technical data

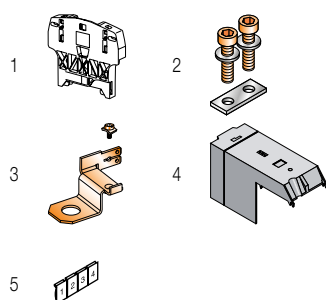
| Connecting capacity       |                          | NF C                  | DIN                   | UL        | CSA |
|---------------------------|--------------------------|-----------------------|-----------------------|-----------|-----|
| Lugs                      | Rigid - Solid / Stranded | 6-150 mm <sup>2</sup> | 6-120 mm <sup>2</sup> | 300 Kcmil |     |
|                           | Flexible                 | 6-120 mm <sup>2</sup> |                       |           |     |
|                           | Gauge                    | C8                    |                       |           |     |
|                           |                          | IEC                   | UL                    | CSA       |     |
| Screw clamp               | Rigid - Solid / Stranded |                       |                       |           |     |
|                           | Flexible                 |                       |                       |           |     |
|                           | Gauge                    |                       |                       |           |     |
|                           |                          | IEC                   | UL                    | CSA       |     |
| Bar                       |                          |                       |                       |           |     |
| Rated current             |                          | 269 A                 | 269 A                 |           |     |
| Rated cross section       |                          | 120 mm <sup>2</sup>   | 300 Kcmil             |           |     |
| Rated voltage             |                          | 1000 V                | 600 V                 |           |     |
| Impulse withstand voltage |                          | 8000 V                |                       |           |     |

### Mounting instructions

|                       |  |                               |
|-----------------------|--|-------------------------------|
| Rail                  |  | TH 35-7.5, TH 35-15           |
| Lugs                  |  | Wrench H17 mm                 |
| Tool                  |  |                               |
| Torque                |  | 10 - 20 N.m<br>87 - 174 lb.in |
| Jumper screw          |  | Allen key 6 mm<br>0.236 in    |
| Tool                  |  |                               |
| Torque                |  | 6 - 12 N.m<br>52 - 104 lb.in  |
| Screw clamp           |  |                               |
| Tool                  |  |                               |
| Torque                |  |                               |
| Wire stripping length |  |                               |

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|      |    |     |      |    |     |      |    |     |      |    |     |
|------|----|-----|------|----|-----|------|----|-----|------|----|-----|
| RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA |
| RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA |



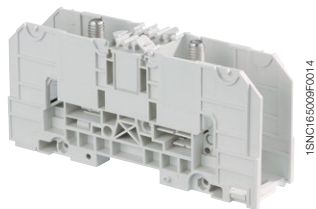
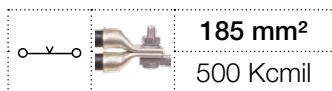
### Accessories

| Description                                        | Color                          | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------------------------------------------|--------------------------------|---------|-----------------|------------|---------------------|
| 1 End stops 12 mm 0.472 in                         | Grey <input type="checkbox"/>  | BAZH1   | 1SNK900102R0000 | 50         | 24.00               |
| 2 Jumper bars 2 poles                              |                                | BJS42-2 | 1SNA205776R1700 | 5          | 93.00               |
| 3 poles                                            |                                | BJS42-3 | 1SNA205777R1000 | 5          | 153.00              |
| 3 Splitters For 6.35x0.8mm faston clips and screws |                                | DRF10   | 1SNA205769R2000 | 10         | 7.00                |
| 4 Protecting covers IP20 rotating protecting cover | Grey <input type="checkbox"/>  | CPUF120 | 1SNA190018R2000 | 2          | 24.00               |
| 5 Terminal block markers Blank card                | White <input type="checkbox"/> | RC810   | 1SNA234000R0200 | 1          | 8.20                |

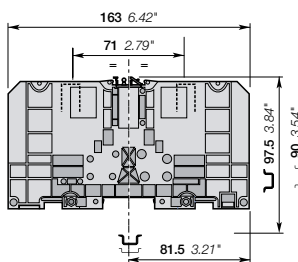
Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Technical data valid for copper conductors only.

Feed-through - 55 mm 2.165 in spacing



D185/55.FF



**55 mm 2.165 in spacing**

## Description

- Rated cross section up to 300 mm<sup>2</sup> / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

## Ordering details

| Description                                   | Color                                                                                  | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|-----------------------------------------------|----------------------------------------------------------------------------------------|------------|-----------------|------------|-------------------|
| <b>Feed-through</b> 2 studs M12 without cover | Grey  | D185/55.FF | 1SNA190004R2300 | 1          | 615.00            |

## Main technical data

| Connecting capacity |                          | NF C       | DIN       | UL        | CSA |
|---------------------|--------------------------|------------|-----------|-----------|-----|
| Lugs                | Rigid - Solid / Stranded | 25-240 mm² | 6-185 mm² | 500 Kcmil |     |
|                     | Flexible                 | 6-185 mm²  |           |           |     |
|                     | Gauge                    | C11        |           |           |     |

|             |                          | IEC | UL | CSA |
|-------------|--------------------------|-----|----|-----|
| Screw clamp | Rigid - Solid / Stranded |     |    |     |
|             | Flexible                 |     |    |     |
|             | Gauge                    |     |    |     |

|                           | IEC                 | UL        | CSA |
|---------------------------|---------------------|-----------|-----|
| Bar                       |                     |           |     |
| Rated current             | 353 A               | 353 A     |     |
| Rated cross section       | 185 mm <sup>2</sup> | 500 Kcmil |     |
| Rated voltage             | 1000 V              | 600 V     |     |
| Impulse withstand voltage | 8000 V              |           |     |
|                           |                     |           |     |
|                           |                     |           |     |

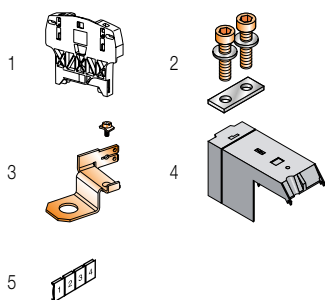
## Mounting instructions

|                          |                                                                                     |                                    |
|--------------------------|-------------------------------------------------------------------------------------|------------------------------------|
| Rail                     |  | TH 35-7.5,<br>TH 35-15             |
| Lugs<br>Tool             |  | Wrench<br>H24 mm                   |
| Torque                   |  | 14 - 30 N.m<br>123.9 - 265.5 lb.in |
| Jumper screw<br>Tool     |  | Allen key<br>6 mm<br>0.236 in      |
| Torque                   |  | 6 - 12 N.m<br>52 - 104 lb.in       |
| Screw clamp<br>Tool      |  |                                    |
| Torque                   |  |                                    |
| Wire stripping<br>length |  |                                    |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>







## Accessories

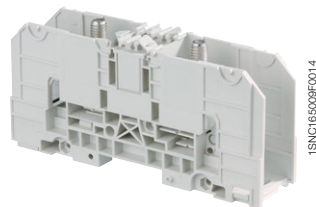
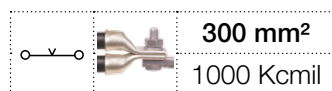
| Description |                        |                                        |          | Color                                                                                     | Type     | Part Number     | Pkg | Weight    |
|-------------|------------------------|----------------------------------------|----------|-------------------------------------------------------------------------------------------|----------|-----------------|-----|-----------|
|             |                        |                                        |          |                                                                                           |          |                 | qty | (1 pce) g |
| 1           | End stops              | 12 mm                                  | 0.472 in | Grey   | BAZH1    | 1SNK900102R0000 | 50  | 24.00     |
| 2           | Jumper bars            | 2 poles                                |          |                                                                                           | BJS551-2 | 1SNA205778R2100 | 5   | 158.00    |
|             |                        | 3 poles                                |          |                                                                                           | BJS551-3 | 1SNA205779R2200 | 5   | 266.00    |
| 3           | Splitters              | For 6.35x0.8mm faston clips and screws |          |                                                                                           | DRF12    | 1SNA205770R2500 | 10  | 8.00      |
| 4           | Protecting covers      | IP20 rotating protecting cover         |          | Grey   | CPUF185  | 1SNA190019R2100 | 2   | 40.00     |
| 5           | Terminal block markers | Blank card                             |          | White  | RC810    | 1SNA234000R0200 | 1   | 8.20      |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

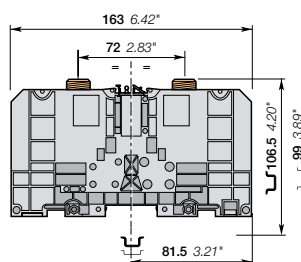
Technical data valid for copper conductors only.

## D300/55.FF power terminal blocks

### Feed-through - 55 mm 2.165 in spacing



D300/55.FF



55 mm 2.165 in spacing

#### Description

- Rated cross section up to 300 mm² / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

#### Ordering details

| Description                            | Color                         | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------------------------------|-------------------------------|------------|-----------------|------------|---------------------|
| Feed-through 2 studs M16 without cover | Grey <input type="checkbox"/> | D300/55.FF | 1SNA190005R2400 | 1          | 775.00              |

#### Main technical data

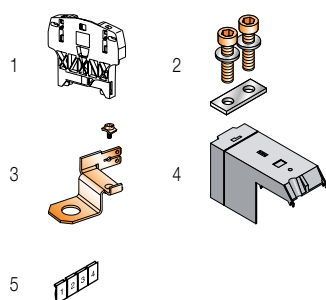
| Connecting capacity       |                          | NF C       | DIN        | UL         | CSA |
|---------------------------|--------------------------|------------|------------|------------|-----|
| Lugs                      | Rigid - Solid / Stranded | 25-300 mm² | 6-300 mm²  | 1000 Kcmil |     |
|                           | Flexible                 | 6-300 mm²  |            |            |     |
|                           | Gauge                    |            |            |            |     |
|                           |                          | IEC        | UL         | CSA        |     |
| Screw clamp               | Rigid - Solid / Stranded |            |            |            |     |
|                           | Flexible                 |            |            |            |     |
|                           | Gauge                    |            |            |            |     |
|                           |                          | IEC        | UL         | CSA        |     |
| Bar                       |                          |            |            |            |     |
| Rated current             |                          | 520 A      | 460 A      |            |     |
| Rated cross section       |                          | 300 mm²    | 1000 Kcmil |            |     |
| Rated voltage             |                          | 1000 V     | 600 V      |            |     |
| Impulse withstand voltage |                          | 8000 V     |            |            |     |

#### Mounting instructions

|                       |  |                                |
|-----------------------|--|--------------------------------|
| Rail                  |  | TH 35-7.5, TH 35-15            |
| Lugs                  |  | Wrench H24 mm                  |
| Tool                  |  |                                |
| Torque                |  | 25 - 50 N.m<br>217 - 435 lb.in |
| Jumper screw          |  | Allen key 6 mm<br>0.236 in     |
| Tool                  |  |                                |
| Torque                |  | 6 - 12 N.m<br>52 - 104 lb.in   |
| Screw clamp           |  |                                |
| Tool                  |  |                                |
| Torque                |  |                                |
| Wire stripping length |  |                                |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>

|  |      |    |     |    |      |    |     |    |      |    |     |    |
|--|------|----|-----|----|------|----|-----|----|------|----|-----|----|
|  | RoHS | UL | CSA | CE | RoHS | UL | CSA | CE | RoHS | UL | CSA | CE |
|  | RoHS | UL | CSA | CE | RoHS | UL | CSA | CE | RoHS | UL | CSA | CE |



#### Accessories

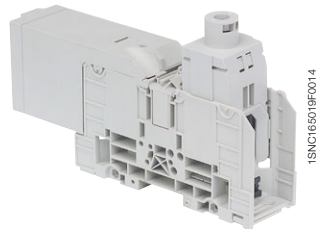
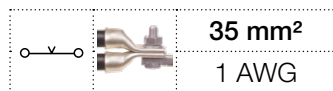
| Description                                        | Color                          | Type     | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------------------------------------------|--------------------------------|----------|-----------------|------------|---------------------|
| 1 End stops 12 mm 0.472 in                         | Grey <input type="checkbox"/>  | BAZH1    | 1SNK900102R0000 | 50         | 24.00               |
| 2 Jumper bars 2 poles                              |                                | BJ5551-2 | 1SNA205778R2100 | 5          | 158.00              |
| 3 poles                                            |                                | BJ5551-3 | 1SNA205779R2200 | 5          | 266.00              |
| 3 Splitters For 6.35x0.8mm faston clips and screws |                                | DRF16    | 1SNA205771R1200 | 10         | 7.00                |
| 4 Protecting covers IP20 rotating protecting cover | Grey <input type="checkbox"/>  | CPUF185  | 1SNA190019R2100 | 2          | 40.00               |
| 5 Terminal block markers Blank card                | White <input type="checkbox"/> | RC810    | 1SNA234000R0200 | 1          | 8.20                |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

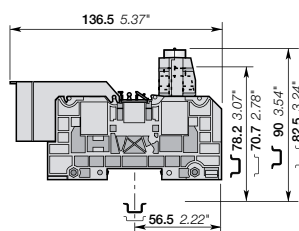
Technical data valid for copper conductors only.

# D35/27.AF power terminal blocks

## Feed-through - 27 mm 1.062 in spacing



D35/27.AF



27 mm 1.062 in spacing

### Description

- Rated cross section up to 240 mm<sup>2</sup> / 500 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

### Ordering details

| Description                                       | Color                         | Type      | Part Number     | Pkg | Weight |
|---------------------------------------------------|-------------------------------|-----------|-----------------|-----|--------|
| Feed-through 1 stud M6 + 1 wire-clamp with covers | Grey <input type="checkbox"/> | D35/27.AF | 1SNA190006R2500 | 10  | 149.00 |

### Main technical data

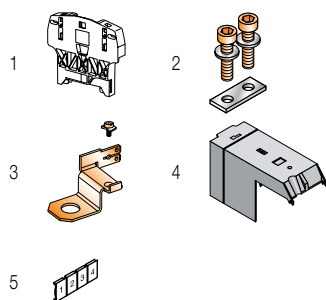
| Connecting capacity       |                          | NFC                    | DIN                    | UL    | CSA |
|---------------------------|--------------------------|------------------------|------------------------|-------|-----|
| Lugs                      | Rigid - Solid / Stranded | 2.5-35 mm <sup>2</sup> | 2.5-50 mm <sup>2</sup> | 1 AWG |     |
|                           | Flexible                 | 2.5-35 mm <sup>2</sup> | 2.5-35 mm <sup>2</sup> |       |     |
|                           | Gauge                    | C4                     |                        |       |     |
|                           |                          | IEC                    | UL                     | CSA   |     |
| Screw clamp               | Rigid - Solid / Stranded | 2.5-35 mm <sup>2</sup> | 1-12 AWG               |       |     |
|                           | Flexible                 | 2.5-35 mm <sup>2</sup> |                        |       |     |
|                           | Gauge                    |                        |                        |       |     |
|                           |                          | IEC                    | UL                     | CSA   |     |
| Bar                       |                          |                        |                        |       |     |
| Rated current             |                          | 125 A                  | 130 A                  |       |     |
| Rated cross section       |                          | 35 mm <sup>2</sup>     | 1 AWG                  |       |     |
| Rated voltage             |                          | 1000 V                 | 600 V                  |       |     |
| Impulse withstand voltage |                          | 8000 V                 |                        |       |     |

### Mounting instructions

|                       |  |                                    |
|-----------------------|--|------------------------------------|
| Rail                  |  | TH 35-7.5, TH 35-15                |
| Lugs                  |  | Wrench H10 mm                      |
| Tool                  |  |                                    |
| Torque                |  | 3 - 6 N.m<br>26.1 - 52 lb.in       |
| Jumper screw          |  | Allen key 6 mm<br>0.236 in         |
| Tool                  |  |                                    |
| Torque                |  | 6 - 12 N.m<br>52 - 104 lb.in       |
| Screw clamp           |  | Allen key 5 mm<br>0.197 in         |
| Tool                  |  |                                    |
| Torque                |  | 3.5 ± 0.5 N.m<br>30.9 ± 4.43 lb.in |
| Wire stripping length |  | 28 mm<br>1.102 in                  |

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. 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>

|                               |                             |                              |                               |                             |                              |                               |                             |                              |                               |                             |                              |
|-------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|
| RoHS <input type="checkbox"/> | UL <input type="checkbox"/> | CSA <input type="checkbox"/> | RoHS <input type="checkbox"/> | UL <input type="checkbox"/> | CSA <input type="checkbox"/> | RoHS <input type="checkbox"/> | UL <input type="checkbox"/> | CSA <input type="checkbox"/> | RoHS <input type="checkbox"/> | UL <input type="checkbox"/> | CSA <input type="checkbox"/> |
|-------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------|------------------------------|



### Accessories

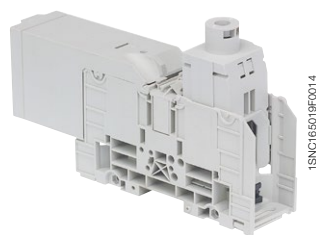
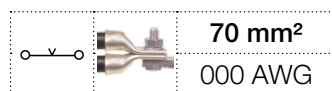
| Description                                        | Color                          | Type    | Part Number     | Pkg | Weight |
|----------------------------------------------------|--------------------------------|---------|-----------------|-----|--------|
| 1 End stops 12 mm 0.472 in                         | Grey <input type="checkbox"/>  | BAZH1   | 1SNK900102R0000 | 50  | 24.00  |
| 2 Jumper bars 2 poles                              |                                | BJS27-2 | 1SNA205772R1300 | 5   | 34.00  |
| 3 poles                                            |                                | BJS27-3 | 1SNA205773R1400 | 5   | 52.00  |
| 3 Splitters For 6.35x0.8mm faston clips and screws |                                | DRF6    | 1SNA205767R1600 | 10  | 4.00   |
| 4 Protecting covers IP20 rotating protecting cover | Grey <input type="checkbox"/>  | CPUF35  | 1SNA190016R1600 | 2   | 8.30   |
| 5 Terminal block markers Blank card                | White <input type="checkbox"/> | RC810   | 1SNA234000R0200 | 1   | 8.20   |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

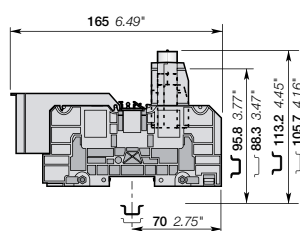
Technical data valid for copper conductors only.

## D70/32.AF power terminal blocks

### Feed-through - 32 mm 1.260 in spacing



D70/32.AF



32 mm 1.260 in spacing

#### Description

- Rated cross section up to 240 mm<sup>2</sup> / 500 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

#### Ordering details

| Description                                       | Color                         | Type      | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|---------------------------------------------------|-------------------------------|-----------|-----------------|------------|---------------------|
| Feed-through 1 stud M8 + 1 wire-clamp with covers | Grey <input type="checkbox"/> | D70/32.AF | 1SNA190007R2600 | 3          | 269.00              |

#### Main technical data

| Connecting capacity       |                          | NFC                  | DIN                  | UL      | CSA |
|---------------------------|--------------------------|----------------------|----------------------|---------|-----|
| Lugs                      | Rigid - Solid / Stranded | 6-95 mm <sup>2</sup> | 6-70 mm <sup>2</sup> | 000 AWG |     |
|                           | Flexible                 | 6-70 mm <sup>2</sup> | 6-70 mm <sup>2</sup> |         |     |
|                           | Gauge                    |                      |                      |         |     |
|                           |                          | IEC                  | UL                   | CSA     |     |
| Screw clamp               | Rigid - Solid / Stranded | 6-95 mm <sup>2</sup> | 10-000 AWG           |         |     |
|                           | Flexible                 | 6-70 mm <sup>2</sup> |                      |         |     |
|                           | Gauge                    |                      |                      |         |     |
|                           |                          | IEC                  | UL                   | CSA     |     |
| Bar                       |                          |                      |                      |         |     |
| Rated current             |                          | 192 A                | 165 A                |         |     |
| Rated cross section       |                          | 70 mm <sup>2</sup>   | 000 AWG              |         |     |
| Rated voltage             |                          | 1000 V               | 600 V                |         |     |
| Impulse withstand voltage |                          | 8000 V               |                      |         |     |

#### Mounting instructions

|                       |  |                               |
|-----------------------|--|-------------------------------|
| Rail                  |  | TH 35-7.5, TH 35-15           |
| Lugs                  |  | Wrench H13 mm                 |
| Tool                  |  |                               |
| Torque                |  | 6 - 12 N.m<br>52 - 104 lb.in  |
| Jumper screw          |  | Allen key 6 mm<br>0.236 in    |
| Tool                  |  |                               |
| Torque                |  | 6 - 12 N.m<br>52 - 104 lb.in  |
| Screw clamp           |  | Wrench 6 mm<br>0.236 in       |
| Tool                  |  |                               |
| Torque                |  | 7 ±1 N.m<br>61.9 ± 8.85 lb.in |
| Wire stripping length |  | 33 mm<br>1.299 in             |

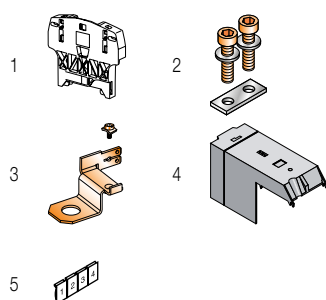
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

|      |    |     |      |    |     |      |    |     |      |    |     |
|------|----|-----|------|----|-----|------|----|-----|------|----|-----|
| RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA |
| RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA | RoHS | UL | CSA |

#### Accessories

| Description                                        | Color                          | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) g |
|----------------------------------------------------|--------------------------------|---------|-----------------|------------|---------------------|
| 1 End stops 12 mm 0.472 in                         | Grey <input type="checkbox"/>  | BAZH1   | 1SNK900102R0000 | 50         | 24.00               |
| 2 Jumper bars 2 poles                              |                                | BJS32-2 | 1SNA205774R1500 | 5          | 66.00               |
| 3 poles                                            |                                | BJS32-3 | 1SNA205775R1600 | 5          | 105.80              |
| 3 Splitters For 6.35x0.8mm faston clips and screws |                                | DRF8    | 1SNA205768R2700 | 10         | 5.00                |
| 4 Protecting covers IP20 rotating protecting cover | Grey <input type="checkbox"/>  | CPUF70  | 1SNA190017R1700 | 2          | 12.00               |
| 5 Terminal block markers Blank card                | White <input type="checkbox"/> | RC810   | 1SNA234000R0200 | 1          | 8.20                |

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

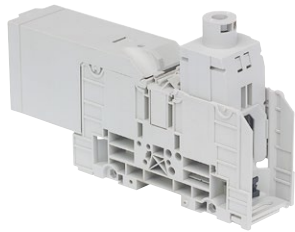


Technical data valid for copper conductors only.

# D120/42.AF power terminal blocks

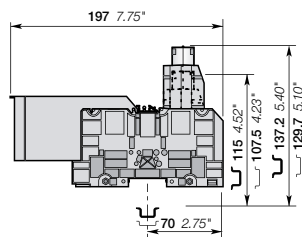
## Feed-through - 42 mm 1.653 in spacing

|                                                                                  |                                                                                   |                  |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|
|  |  | <b>120 mm²</b>   |
|                                                                                  |                                                                                   | <b>300 Kcmil</b> |



1SNC165019F0014

D120/42.AF



42 mm 1.653 in spacing

### Description

- Rated cross section up to 240 mm² / 500 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

### Ordering details

| Description                                        | Color                         | Type       | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|----------------------------------------------------|-------------------------------|------------|-----------------|------------|-------------------|
| Feed-through 1 stud M10 + 1 wire-clamp with covers | Grey <input type="checkbox"/> | D120/42.AF | 1SNA190008R0700 | 1          | 423.00 g          |

### Main technical data

| Connecting capacity       |                          | NFC       | DIN              | UL        | CSA |
|---------------------------|--------------------------|-----------|------------------|-----------|-----|
| Lugs                      | Rigid - Solid / Stranded | 6-150 mm² | 6-120 mm²        | 300 Kcmil |     |
|                           | Flexible                 | 6-120 mm² |                  |           |     |
|                           | Gauge                    | C8        |                  |           |     |
|                           |                          | IEC       | UL               | CSA       |     |
| Screw clamp               | Rigid - Solid / Stranded | 6-150 mm² | 10 AWG-300 Kcmil |           |     |
|                           | Flexible                 | 6-120 mm² |                  |           |     |
|                           | Gauge                    |           |                  |           |     |
|                           |                          | IEC       | UL               | CSA       |     |
| Bar                       |                          |           |                  |           |     |
| Rated current             |                          | 269 A     | 240 A            |           |     |
| Rated cross section       |                          | 120 mm²   | 300 Kcmil        |           |     |
| Rated voltage             |                          | 1000 V    | 600 V            |           |     |
| Impulse withstand voltage |                          | 8000 V    |                  |           |     |

### Mounting instructions

|                |                                                                                       |                                  |
|----------------|---------------------------------------------------------------------------------------|----------------------------------|
| Rail           |    | TH 35-7.5,<br>TH 35-15           |
| Lugs           |    | Wrench<br>H17 mm                 |
| Tool           |    |                                  |
| Torque         |    | 10 - 20 N.m<br>87 - 174 lb.in    |
| Jumper screw   |    | Allen key<br>6 mm<br>0.236 in    |
| Tool           |    |                                  |
| Torque         |   | 6 - 12 N.m<br>52 - 104 lb.in     |
| Screw clamp    |  | Allen key<br>8 mm<br>0.315 in    |
| Tool           |  |                                  |
| Torque         |  | 11 ± 1 N.m<br>97.36 ± 8.85 lb.in |
| Wire stripping |  | 38 mm                            |
| length         |                                                                                       | 1.496 in                         |

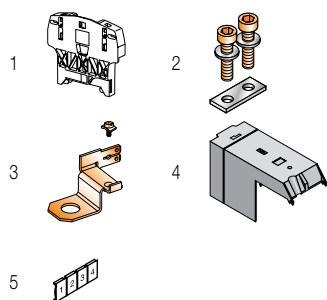
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards. All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical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

|                                                                                          |                                                                                          |                                                                                        |                                                                                            |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| RoHS  | RoHS  | UL  | Gost R  |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

### Accessories

| Description                                        | Color                          | Type    | Part Number     | Pkg<br>qty | Weight<br>(1 pce) |
|----------------------------------------------------|--------------------------------|---------|-----------------|------------|-------------------|
| 1 End stops 12 mm 0.472 in                         | Grey <input type="checkbox"/>  | BAZH1   | 1SNK900102R0000 | 50         | 24.00             |
| 2 Jumper bars 2 poles                              |                                | BJS42-2 | 1SNA205776R1700 | 5          | 93.00             |
| 3 poles                                            |                                | BJS42-3 | 1SNA205777R1000 | 5          | 153.00            |
| 3 Splitters For 6.35x0.8mm faston clips and screws |                                | DRF10   | 1SNA205769R2000 | 10         | 7.00              |
| 4 Protecting covers IP20 rotating protecting cover | Grey <input type="checkbox"/>  | CPUF120 | 1SNA190018R2000 | 2          | 24.00             |
| 5 Terminal block markers Blank card                | White <input type="checkbox"/> | RC810   | 1SNA234000R0200 | 1          | 8.20              |

Complete list of accessories is indicated in the terminal block datasheet.  
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



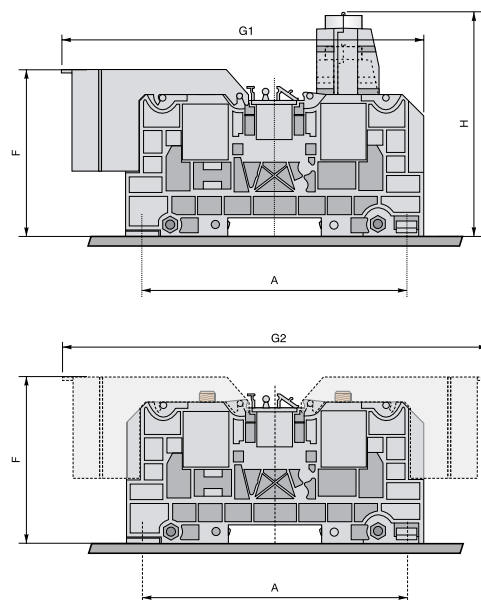
Technical data valid for copper conductors only.



# Power terminal blocks

## Mounting instructions

### Main dimensions mm

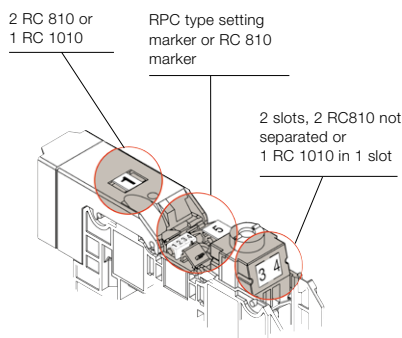


D35/27.AF - D70/32.AF - D120/42.AF  
D35/27.FF - D70/32.FF - D120/42.FF

D185/55.AF  
D185/55.FF - D300/55.FF

| Type       | Mounting with: | A             | B    | C   | D   | F     | G1    | G2    | H     |
|------------|----------------|---------------|------|-----|-----|-------|-------|-------|-------|
|            |                | Dimensions mm |      |     |     |       |       |       |       |
| D35/27...  | 2 Screws       | 100.5         | 7.5  | 6.5 | /   | 63.5  | 136.5 | 160   | 82.5  |
| D70/32...  | 2 Screws       | 120           | 7.5  | 6.5 | /   | 72.5  | 165   | 190.5 | 105.7 |
| D120/42... | 2 Screws       | 120           | 7.5  | 6.5 | /   | 83.5  | 197   | 255.5 | 129.7 |
| D185/55... | 4 Screws       | 135           | 13.5 | 6.5 | 8.5 | 103.5 | 228.5 | 295   | 151.5 |
| D300/55... | 4 Screws       | 135           | 13.5 | 6.5 | 8.5 | 105   | /     | 295   | /     |

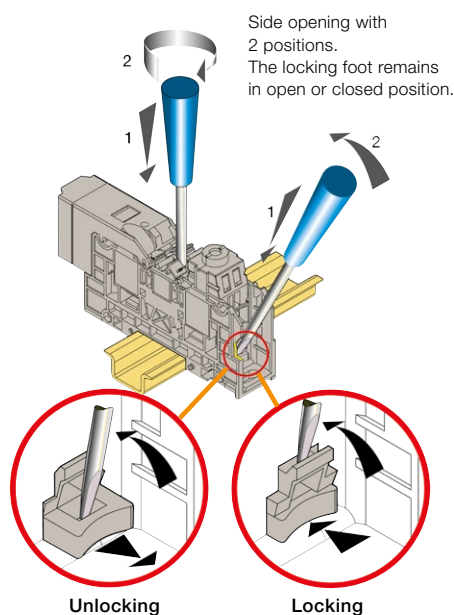
### Marking



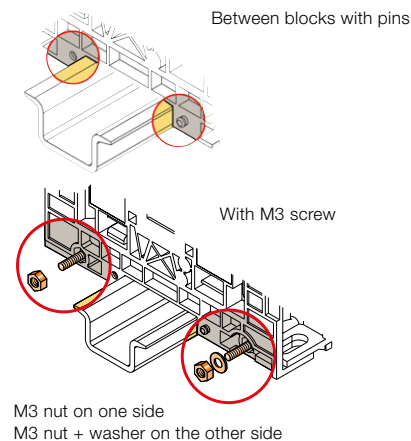
### Locking foot operating with screwdriver DIA. 4 mm

Center opening (to be made after jumper bar has been removed) "monostable action".

As soon as the screwdriver is removed, the locking foot comes back to closed position

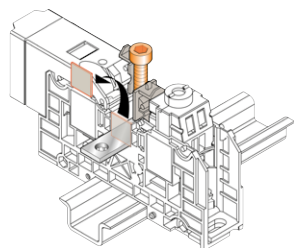


### Locking

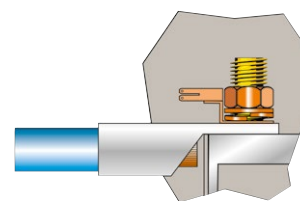


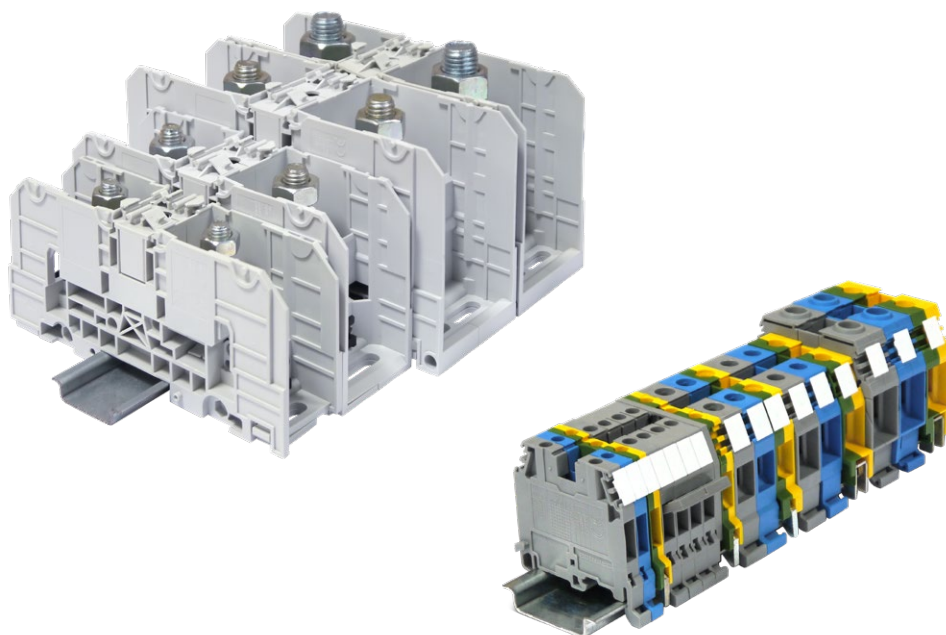
### Jumper bar

- move the marker holders up
- cut out the partition
- screw the jumper bar



### Mounting of the derivative system





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### Part number classification

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| 1SNA008288R1500 | FU520     | 74   | 1SNA115259R0600 | M4/6.1        | 15   | 1SNA118368R1600 | FEM6          | 12   |
| 1SNA008289R1600 | FU520     | 74   | 1SNA115260R0300 | M6/8.1        | 19   | 1SNA118495R1700 | SCF6D         | 44   |
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| 1SNA105044R2100 | M4/6.D2   | 44   | 1SNA115485R0200 | MA2.5/5.1     | 13   | 1SNA125204R2200 | M4/6.D1.1N    | 46   |
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| 1SNA105048R0500 | M4/6.D2   | 44   | 1SNA115495R0400 | M4/6.SNBT     | 59   | 1SNA125479R2500 | M4/6.4A.N     | 17   |
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| 1SNA105053R2200 | M4/6.SNB  | 58   | 1SNA115501R1200 | M6/8.D2       | 48   | 1SNA125505R1000 | MA2.5/5.SNBTA | 57   |
| 1SNA105055R2400 | M6/8.SNB  | 60   | 1SNA115505R1600 | MA2.5/5.SNBTA | 57   | 1SNA163043R2100 | AL2           | 15   |
| 1SNA105075R2000 | MA2.5/5   | 12   | 1SNA115523R0700 | M4/8          | 74   | 1SNA163046R2400 | AL2           | 13   |
| 1SNA105077R2200 | MA2.5/5   | 12   | 1SNA115529R1500 | M6/8.STP1     | 65   | 1SNA163070R0000 | AL2           | 45   |
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| 1SNA105118R2000 | M6/8      | 18   | 1SNA115541R1100 | D2.5/6.DA     | 51   | 1SNA163311R2200 | PC61-10       | 44   |
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| 1SNA115219R2600 | M6/8.4    | 19   | 1SNA116924R0200 | BNF52         | 63   | 1SNA173627R2100 | EL6           | 12   |
| 1SNA115236R1700 | M6/8.ST   | 69   | 1SNA116926R0400 | BNCT82        | 63   | 1SNA173888R2000 | BP8.A4        | 19   |
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| 1SNA176671R0000 | BJMI8-4    | 18   | 1SNA196792R1700 | BNSTP1        | 65   | 1SNA400196R2300 | M35/16         | 23   |
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| 1SNA178025R2600 | BJD6       | 50   | 1SNA205768R2700 | DRF8          | 92   | 1SNA400779R0000 | D240/36.D10.YL | 27   |
| 1SNA178026R2700 | BJD6       | 50   | 1SNA205769R2000 | DRF10         | 93   | 1SNA400789R0000 | D70/22.YL      | 24   |
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|              | 1SNA105209R1400 | 14   |               | 1SNA195260R0400 | 19   | RC810         | 1SNA234000R0200 | 18   |
|              | 1SNA115116R0700 | 14   | M6/8.1.N      | 1SNA125260R0500 | 19   | SCD           | 1SNA103189R2600 | 52   |
|              | 1SNA195116R0000 | 14   | M6/8.2        | 1SNA115218R2500 | 19   | SCF12         | 1SNA113102R1000 | 22   |
|              | 1SNA206404R0500 | 14   | M6/8.4        | 1SNA115219R2600 | 19   | SCF6          | 1SNA118707R0300 | 12   |
| M4/6.1       | 1SNA105208R1300 | 15   | M6/8.D1       | 1SNA115498R1700 | 49   | SCF6D         | 1SNA118495R1700 | 44   |
|              | 1SNA115259R0600 | 15   | M6/8.D2       | 1SNA115501R1200 | 48   | SCFCV1-2      | 1SNA116795R1100 | 12   |
| M4/6.2       | 1SNA115217R1400 | 15   |               | 1SNA195501R1300 | 48   | SCFCV4        | 1SNA116797R1300 | 24   |
| M4/6.3A      | 1SNA115468R2000 | 16   | M6/8.D2.1     | 1SNA115497R0600 | 49   | SCFM6         | 1SNA114825R0500 | 12   |
| M4/6.3A.N    | 1SNA125468R2200 | 16   | M6/8.N        | 1SNA125118R1300 | 18   | SCFT1         | 1SNA103588R2600 | 65   |
| M4/6.3A.P    | 1SNA195637R1200 | 16   | M6/8.P        | 1SNA165114R1700 | 18   | SCFT2         | 1SNA114522R0500 | 69   |
| M4/6.4       | 1SNA115192R0400 | 15   | M6/8.SB       | 1SNA115436R0000 | 63   | SC-JB8-2      | 1SNK900652R0000 | 69   |
|              | 1SNA195192R0500 | 15   | M6/8.SNB      | 1SNA105055R2400 | 60   | SC-JB8-3      | 1SNK900653R0000 | 69   |
| M4/6.4A      | 1SNA115479R2300 | 17   |               | 1SNA115688R2500 | 60   | SC-JB8-4      | 1SNK900654R0000 | 69   |
| M4/6.4A.N    | 1SNA125479R2500 | 17   | M6/8.ST       | 1SNA115236R1700 | 69   | SCM6          | 1SNA113003R1000 | 14   |
| M4/6.4A.P    | 1SNA195638R2300 | 17   | M6/8.ST1      | 1SNA115237R1000 | 70   | SCM6D         | 1SNA113482R0500 | 44   |
| M4/6.D1      | 1SNA115166R1100 | 47   | M6/8.ST1.IP20 | 1SNA115971R1000 | 72   | SCMA5         | 1SNA116728R2500 | 12   |
| M4/6.D1.1    | 1SNA115204R2000 | 46   | M6/8.ST3      | 1SNA115239R2200 | 71   | SCMA5D        | 1SNA116720R2100 | 42   |
| M4/6.D1.1.N  | 1SNA125204R2200 | 46   | M6/8.ST7      | 1SNA115243R2600 | 69   | TGA13         | 1SNA168564R0500 | 84   |
| M4/6.D1.N    | 1SNA125166R1300 | 47   | M6/8.STA      | 1SNA115359R0200 | 68   |               | 1SNA168565R0600 | 84   |
| M4/6.D2      | 1SNA105044R2100 | 44   | M6/8.STP      | 1SNA105141R2700 | 66   |               | 1SNA168566R0700 | 84   |
|              | 1SNA105045R2200 | 44   |               | 1SNA105142R2000 | 66   | TGA8          | 1SNA168672R1100 | 74   |
|              | 1SNA105046R2300 | 44   |               | 1SNA115277R2000 | 66   |               | 1SNA168673R1200 | 74   |
|              | 1SNA105047R2400 | 44   | M6/8.STP1     | 1SNA115529R1500 | 65   |               | 1SNA168674R1300 | 74   |
|              | 1SNA105048R0500 | 44   | M6/8.STP3     | 1SNA115500R2500 | 65   |               |                 |      |
|              | 1SNA105049R0600 | 44   | MA2.5/5       | 1SNA105052R2100 | 12   |               |                 |      |
|              | 1SNA115271R2200 | 44   |               | 1SNA105075R2000 | 12   |               |                 |      |
|              | 1SNA195271R2300 | 44   |               | 1SNA105077R2200 | 12   |               |                 |      |
| M4/6.D2.1    | 1SNA115126R0100 | 45   |               | 1SNA105486R1200 | 12   |               |                 |      |
| M4/6.D2.1.N  | 1SNA125126R0300 | 45   |               | 1SNA115486R0300 | 12   |               |                 |      |
| M4/6.D2.2    | 1SNA115322R1500 | 45   |               | 1SNA195486R0400 | 12   |               |                 |      |
| M4/6.D2.N    | 1SNA125271R2400 | 44   |               | 1SNA400184R2700 | 12   |               |                 |      |
| M4/6.D2.SBT  | 1SNA115702R2300 | 64   | MA2.5/5.1     | 1SNA115485R0200 | 13   |               |                 |      |
| M4/6.D2.SNBT | 1SNA115561R1500 | 61   |               | 1SNA125485R0400 | 13   |               |                 |      |
| M4/6.N       | 1SNA125116R0100 | 14   | MA2.5/5.D1.1  | 1SNA115530R1200 | 43   |               |                 |      |
| M4/6.P       | 1SNA165113R1600 | 14   | MA2.5/5.D2    | 1SNA115490R1300 | 42   |               |                 |      |
| M4/6.SB      | 1SNA115435R0700 | 62   |               | 1SNA195490R1400 | 42   |               |                 |      |
| M4/6.SNB     | 1SNA105053R2200 | 58   | MA2.5/5.D2.1  | 1SNA115491R0000 | 43   |               |                 |      |
|              | 1SNA115686R1300 | 58   | MA2.5/5.D2.N  | 1SNA125490R1500 | 42   |               |                 |      |
|              | 1SNA115986R0000 | 58   | MA2.5/5.N     | 1SNA125486R0500 | 12   |               |                 |      |
|              | 1SNA195686R1400 | 58   | MA2.5/5.P     | 1SNA165488R2700 | 12   |               |                 |      |
| M4/6.SNBT    | 1SNA115438R1200 | 59   | MA2.5/5.SNB   | 1SNA115699R2000 | 56   |               |                 |      |





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1-1773971-1 04/19 - Printed in France (Qt - Imprimeur)

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