



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Modular Terminal Block Product Type: **Screw Clamp Terminal Block**

Block Function: **Ground**

Primary Product Color: **Green & Yellow**

Product Spacing: **6 mm [.236 in]**

Number of Positions: **3**

Features

Product Type Features

|                                     |                            |
|-------------------------------------|----------------------------|
| Modular Terminal Block Product Type | Screw Clamp Terminal Block |
|-------------------------------------|----------------------------|

Configuration Features

|                     |        |
|---------------------|--------|
| Number of Levels    | 1      |
| Gauge Type          | A4-B3  |
| Number of Circuits  | 1      |
| Block Function      | Ground |
| Number of Positions | 3      |

Electrical Characteristics

|                                             |        |
|---------------------------------------------|--------|
| Impulse Withstanding Voltage Rating (IEC)   | 8000 V |
| Dielectric Withstanding Voltage (Max)       | 2000 V |
| Short-Time Withstanding Current Rating @ 1s | 480 A  |

Body Features

|                       |                 |
|-----------------------|-----------------|
| Product Weight        | 16.2 g[.638 oz] |
| Primary Product Color | Green & Yellow  |

Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| DIN Rail Mounting Type  | TH35-15, TH35-7.5 |
| Connector Mounting Type | DIN Rail          |



Housing Features

|                  |           |
|------------------|-----------|
| Housing Material | Polyamide |
|------------------|-----------|

Dimensions

|                                                                     |                  |
|---------------------------------------------------------------------|------------------|
| Product Depth                                                       | 48.3 mm          |
| Tool Size                                                           | 4 mm[.157 in]    |
| Wire Stripping Length                                               | 10.5 mm[.413 in] |
| Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp | 24 – 14 AWG      |
| Main Circuit Capacity - Twin Ferrule per Screw Clamp                | 24 – 14 AWG      |
| Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp       | .2 – 2.5 mm²     |
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  | 24 – 10 AWG      |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp     | .22 – 4 mm²      |
| Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp         | .22 – 4 mm²      |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp        | .22 – 6 mm²      |
| Product Length                                                      | 48.3 mm          |
| Product Height                                                      | 68.5 mm          |
| Product Spacing                                                     | 6 mm[.236 in]    |

Usage Conditions

|                                |                            |
|--------------------------------|----------------------------|
| Installation Temperature Range | -5 – 40 °C[23 – 104 °F]    |
| Operating Temperature Range    | -55 – 110 °C[-67 – 230 °F] |

Industry Standards

|                        |          |
|------------------------|----------|
| IP Rating              | IP20     |
| UL Flammability Rating | UL 94V-0 |

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant                                                                                                                     |
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                     |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JAN 2025 (247)<br>Candidate List Declared Against: JAN 2025 (247)<br>Does not contain REACH SVHC |



|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| Halogen Content           | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability                                          |

Product Compliance Disclaimer

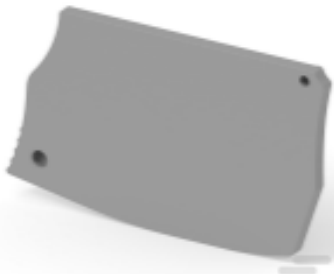
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

|                                           |                                         |                                           |                                         |
|-------------------------------------------|-----------------------------------------|-------------------------------------------|-----------------------------------------|
| <br>TE Part # 1SNK900105R0000<br>ES-TC6   | <br>TE Part # 1SNK140000R0000<br>MC512  | <br>TE Part # 1SNK159999R0000<br>MC612PA  | <br>TE Part # 1SNA178529R0400<br>PR50   |
| <br>TE Part # 1SNK900203R0000<br>TP2      | <br>TE Part # 1SNA174300R1700<br>PR3.Z2 | <br>TE Part # 1SNK140004R0000<br>MC512-YL | <br>TE Part # 1SNK900201R0000<br>TC5-R1 |
| <br>TE Part # 1SNK150004R0000<br>MC612-YL | <br>TE Part # 1SNA164800R0300<br>PR3.G2 | <br>TE Part # 1SNA168700R2200<br>PR5      | <br>TE Part # 1SNK900205R0000<br>TP4    |



TE Part # 1SNK900603R0000  
JB85-3



TE Part # 1SNK505912R0000  
ES6-3S



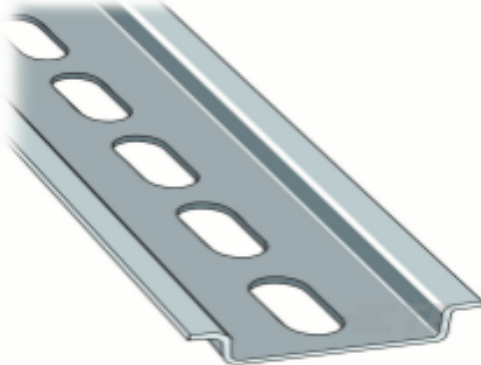
TE Part # 1SNK900002R0000  
BAZ1



TE Part # 1SNK900103R0000  
CS-R1



TE Part # 1SNK900611R0000  
UMH



TE Part # 1SNA173220R0500  
PR30



TE Part # 1SNK149999R0000  
MC512PA



TE Part # 1SNK900001R0000  
BAM4

Also in the Series | ENTRELEC SNK



Modular Terminal Blocks(319)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #1SNK150021R0000  
MC612PA 11->20 (x10) Horizontal



TE Part #1SNK140012R0000  
MC512PA 1->10 (x10) Vertical



TE Part #1SNK505010R0000  
ZS4



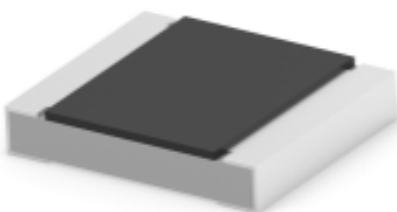
TE Part #2176326-9  
CRGP 0603 47R 1%



TE Part #1SNK140022R0000  
MC512PA 11->20 (x10) Vertical



TE Part #1379114-3  
12pos MQS .63 header 180deg



TE Part #7-2176589-3  
RLC73PD 2E R316 1% 5K RL



TE Part #1SNK900607R0000  
LH-R1

1SNK506151R0000

Screw Clamp Terminal Block, Ground, Green & Yellow, 6 mm [.236 in] Spacing, 3 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], ENTRELEC SNK



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506151R0000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506151R0000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506151R0000\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

ZS6-3S-PE

English

[ENTRELEC Terminal Block - Master Catalog](#)

[ENTRELEC Terminal Block - Master Catalog](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

[ENTRELEC Terminal Blocks Catalogue \(RUS\)](#)

Agency Approvals

[ZK-ZS\\_ATEX\\_1SND225112U1006-C-TE](#)

English