

1SNK508416R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK508416R0000

Screw Clamp Terminal Block, Disconnect, Gray & Orange, 8 mm [.315 in] Spacing, 2 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], ENTRELEC SNK

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Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Disconnect**

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

Primary Product Color: **Gray & Orange**

Product Spacing: **8 mm [.315 in]**

Number of Positions: **2**

## Features

### Product Type Features

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

### Configuration Features

|                     |            |
|---------------------|------------|
| Number of Levels    | 1          |
| Gauge Type          | A3-B3      |
| Number of Circuits  | 1          |
| Block Function      | Disconnect |
| Number of Positions | 2          |

### Electrical Characteristics

|                                                          |        |
|----------------------------------------------------------|--------|
| Power Loss                                               | .58 W  |
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 300 V  |
| Impulse Withstanding Voltage Rating (IEC)                | 6000 V |
| Current Rating (IEC)                                     | 18 A   |
| Current Rating (UL)                                      | 18 A   |
| Dielectric Withstanding Voltage (Max)                    | 2200 V |

|                                             |       |
|---------------------------------------------|-------|
| Voltage Rating (IEC)                        | 630 V |
| Voltage Rating (CSA)                        | 300 V |
| Short-Time Withstanding Current Rating @ 1s | 300 A |

### Body Features

|                       |                  |
|-----------------------|------------------|
| Product Weight        | 13.3 g [.524 oz] |
| Primary Product Color | Gray & Orange    |

### Mechanical Attachment

|                                |                   |
|--------------------------------|-------------------|
| DIN Rail Mounting Type         | TH35-15, TH35-7.5 |
| Terminal Block Disconnect Type | Lever             |
| Connector Mounting Type        | DIN Rail          |

### Housing Features

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

### Dimensions

|                                                                     |                         |
|---------------------------------------------------------------------|-------------------------|
| Product Depth                                                       | 45.6 mm                 |
| Tool Size                                                           | 3.5 mm [.138 in]        |
| Wire Stripping Length                                               | 11 mm [.433 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       | 24 – 14 AWG             |
| 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 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp         | .22 – 4 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp        | 24 – 10 AWG             |
| Product Length                                                      | 45.6 mm [1.8 in]        |
| Product Height                                                      | 59.7 mm                 |
| Product Spacing                                                     | 8 mm [.315 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>](#)

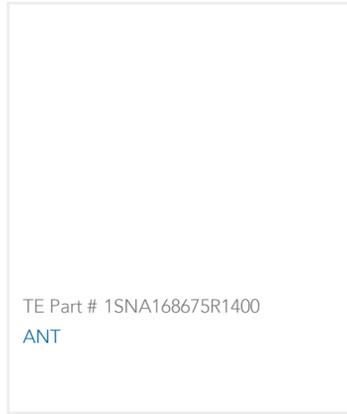
|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                |
| EU ELV Directive 2000/53/EC                   | Compliant with Exemptions                                                                                                                                                                                                                                                                                                                                                                                                |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold                                                                                                                                                                                                                                                                                                                                                                       |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>SVHC > Threshold:<br>Pb (3.5% in 74024578)<br><b>Article Safe Usage Statements:</b><br>Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content                               | Low Halogen - Br, Cl, F < 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





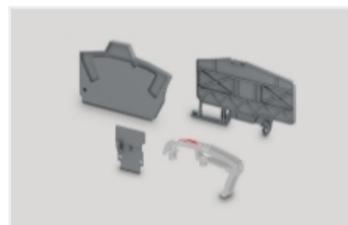
Also in the Series | **ENTRELEC SNK**



Modular Terminal Blocks(319)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #ANT-DB1-LCD-RPS  
Antenna 2.4/5.8GHz Dipole Tilt Swivel RP



TE Part #1SNK506020R0000  
ZS6-BL



TE Part #1SNK146141R0000  
MC512PA N (x100) Horizontal



TE Part #1SNK148052R0000  
MC512PA L1 (x100) Vertical



TE Part #1-770251-0  
UMNLI SOK PTPPHBZ LP LF 20-14



TE Part #1-1969442-6  
EP 2.5 TPA Housing, 16 Pos



TE Part #2110989-1  
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part #1969442-3  
EP 2.5 Plug Housing, 3 Pos



TE Part #1969442-4  
EP 2.5 TPA Housing, 4 Pos



TE Part #1969442-5  
EP 2.5 TPA Housing, 5 Pos

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK508416R0000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK508416R0000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK508416R0000\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

[ENTRELEC Terminal Block - Master Catalog](#)

[ENTRELEC Terminal Block - Master Catalog](#)

English

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[ZS4-S-R3](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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