



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Modular Terminal Block Product Type: **PI-Spring Terminal Block**

Block Function: **Feed-Through**

Primary Product Color: **Blue**

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

Number of Positions: **2**

Features

Product Type Features

|                                     |                          |
|-------------------------------------|--------------------------|
| Modular Terminal Block Product Type | PI-Spring Terminal Block |
|-------------------------------------|--------------------------|

Configuration Features

|                     |                  |
|---------------------|------------------|
| Number of Levels    | 1                |
| Gauge Type          | A5 & 3.9 mm Dia. |
| Number of Circuits  | 1                |
| Block Function      | Feed-Through     |
| Number of Positions | 2                |

Electrical Characteristics

|                                                          |        |
|----------------------------------------------------------|--------|
| Power Loss                                               | 1.3 W  |
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 600 V  |
| Impulse Withstanding Voltage Rating (IEC)                | 8000 V |
| Current Rating (IEC)                                     | 41 A   |
| Current Rating (UL)                                      | 50 A   |
| Current Rating (CSA)                                     | 50 A   |



|                                             |        |
|---------------------------------------------|--------|
| Dielectric Withstanding Voltage (Max)       | 2200 V |
| Voltage Rating (IEC)                        | 1000 V |
| Voltage Rating (CSA)                        | 600 V  |
| Short-Time Withstanding Current Rating @ 1s | 720 A  |

Body Features

|                       |                 |
|-----------------------|-----------------|
| Product Weight        | 11.8 g[.465 oz] |
| Primary Product Color | Blue            |

Mechanical Attachment

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

Housing Features

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

Dimensions

|                                                                     |                  |
|---------------------------------------------------------------------|------------------|
| Main Circuit Capacity - Twin Ferrule per Spring Clamp               | 24 – 16 AWG      |
| Product Depth                                                       | 41.9 mm          |
| Tool Size                                                           | 3.5 mm[.138 in]  |
| Wire Stripping Length                                               | 12.5 mm[.492 in] |
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp | 24 – 8 AWG       |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp    | 24 – 10 AWG      |
| Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp        | 24 – 10 AWG      |
| Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp       | .5 – 6 mm²       |
| Product Length                                                      | 41.9 mm          |
| Product Height                                                      | 57.5 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                                                                                                                     |
| 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                                                                                    |

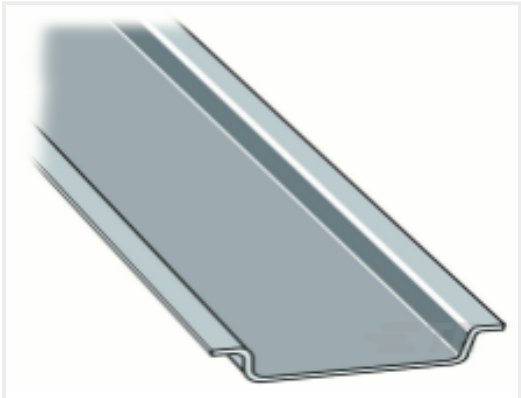
Product Compliance Disclaimer

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



TE Part # 1SNK900102R0000  
BAZH1



TE Part # 1SNA164800R0300  
PR3.G2



TE Part # 1SNK908304R0000  
JB8-4



TE Part # 1SNK908310R0000  
JB8-10



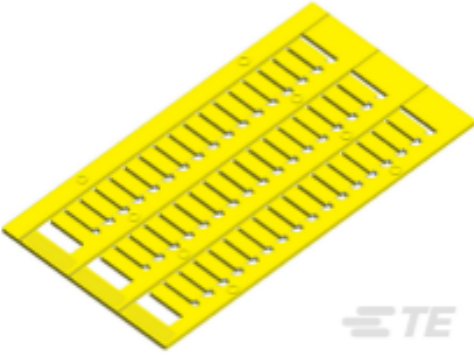




TE Part # 1SNK900106R0000  
CS-R2



TE Part # 1SNK908305R0000  
JB8-5



TE Part # 1SNK160004R0000  
MC812-YL



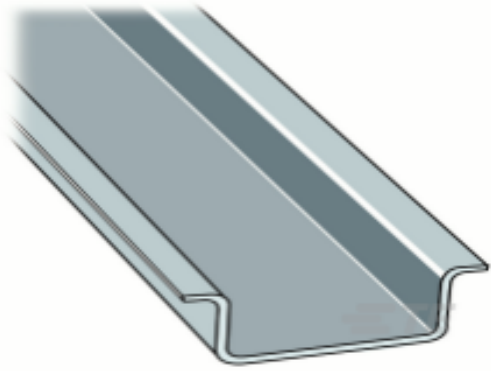
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MC812PA



TE Part # 1SNK908303R0000  
JB8-3



TE Part # 1SNK906302R0000  
JB6-2



TE Part # 1SNA168700R2200  
PR5



TE Part # 1SNK900205R0000  
TP4



TE Part # 1SNK900603R0000  
JB85-3



TE Part # 1SNK900002R0000  
BAZ1



TE Part # 1SNK900107R0000  
CS-R3



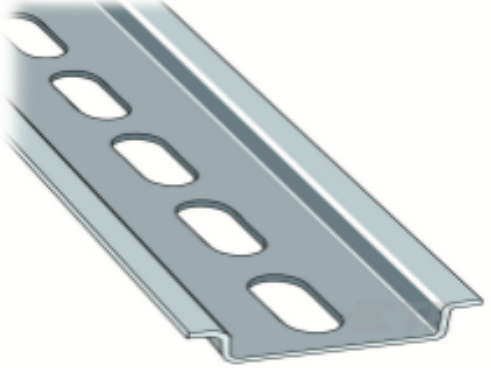
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CS-R1



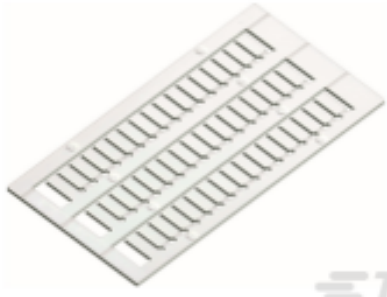
TE Part # 1SNK900104R0000  
ES-TC8



TE Part # 1SNK900611R0000  
UMH



TE Part # 1SNA173220R0500  
PR30



TE Part # 1SNK140000R0000  
MC512

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 #1SNK705020R0000  
ZK2.5-BL



TE Part #1SNK706010R0000  
ZK4



TE Part #1SNK710010R0000  
ZK10



TE Part #1SNK908302R0000  
JB8-2



TE Part #1SNK710910R0000  
EK10



TE Part #1SNK706020R0000  
ZK4-BL



TE Part #1SNK708010R0000  
ZK6



TE Part #1SNK705210R0000  
ZK2.5-D2



TE Part #1SNK526010R0000  
ZS95



TE Part #1SNK505020R0000  
ZS4-BL

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK708020R0000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK708020R0000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK708020R0000\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### ZK6-BL

English

[ENTRELEC Terminal Block - Master Catalog](#)



[ENTRELEC Terminal Block - Master Catalog](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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

[Essential Entrelec Terminal Blocks](#)

French

[Essential Entrelec Terminal Blocks](#)

English

[Essential Entrelec Terminal Blocks](#)

Japanese

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[Agency Approvals](#)

[Bureau Veritas Marine and Offshore Certificate](#)

English