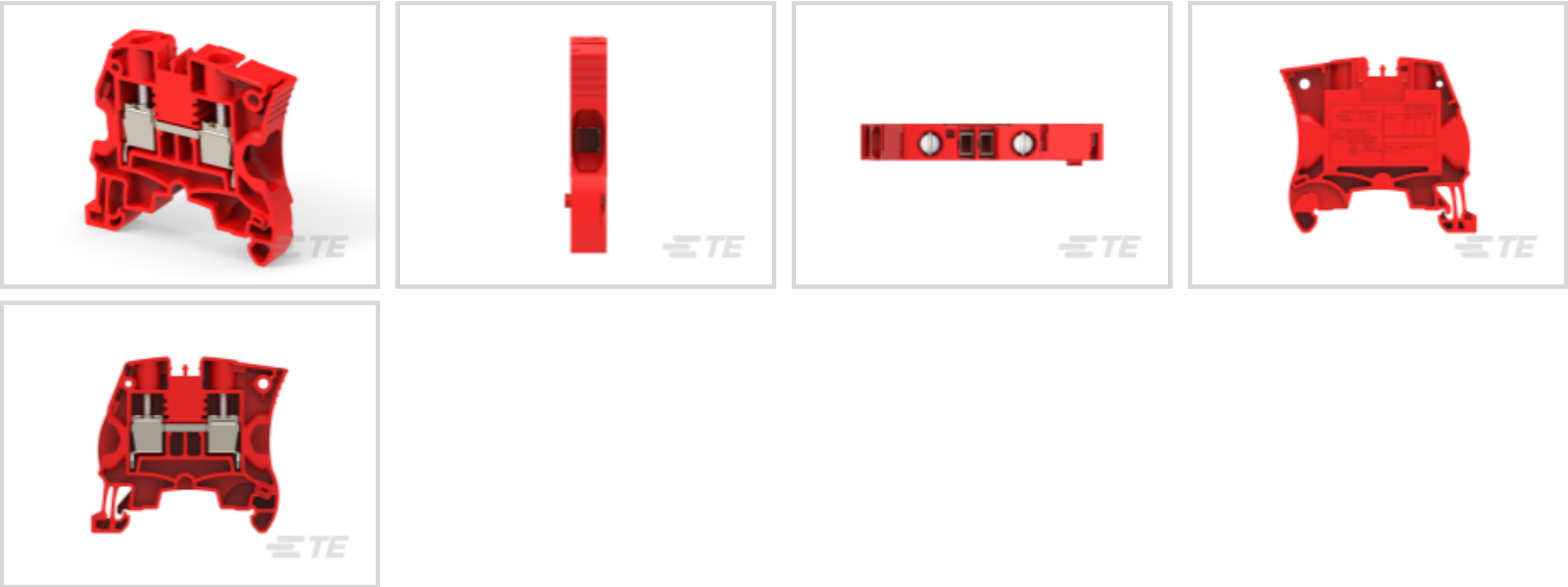




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Primary Product Color: **Red**

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

|                     |              |
|---------------------|--------------|
| Gauge Type          | A5-B5        |
| Number of Levels    | 1            |
| Number of Circuits  | 1            |
| Block Function      | Feed-Through |
| Number of Positions | 2            |

Electrical Characteristics

|                                                          |        |
|----------------------------------------------------------|--------|
| Impulse Withstanding Voltage Rating (IEC)                | 8000 V |
| Current Rating (CSA)                                     | 42 A   |
| Power Loss                                               | 1.8 W  |
| Short-Time Withstanding Current Rating @ 1s              | 1200 A |
| Voltage Rating (IEC)                                     | 1000 V |
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 600 V  |



|                                       |        |
|---------------------------------------|--------|
| Voltage Rating (CSA)                  | 600 V  |
| Dielectric Withstanding Voltage (Max) | 2200 V |
| Current Rating (UL)                   | 42 A   |
| Current Rating (IEC)                  | 57 A   |

Body Features

|                       |                 |
|-----------------------|-----------------|
| Product Weight        | 14.1 g[.555 oz] |
| Primary Product Color | Red             |

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 Screw Clamp                | 20 - 12 AWG      |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp        | 24 - 6 AWG       |
| Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp         | 24 - 10 AWG      |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp     | .5 - 10 mm²      |
| Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp       | .5 - 4 mm²       |
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  | 24 - 6 AWG       |
| Wire Stripping Length                                               | 12 mm[.472 in]   |
| Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp | .5 - 4 mm²       |
| Tool Size                                                           | 4 mm[.157 in]    |
| Product Depth                                                       | 47.3 mm          |
| Product Length                                                      | 47.3 mm[1.86 in] |
| Product Height                                                      | 53 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

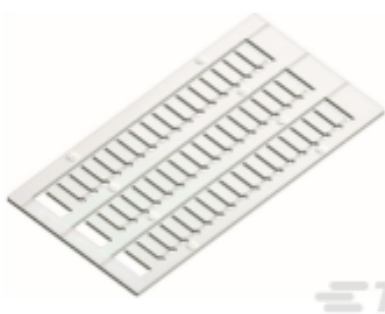
For compliance documentation, visit the product page on TE.com>

|                                               |                                                                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| 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 2024 (240)<br>Candidate List Declared Against: JAN 2024 (240)<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 # 1SNK160000R0000  
MC812



TE Part # 1SNK505910R0000  
ES4

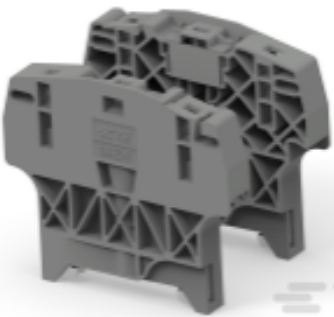
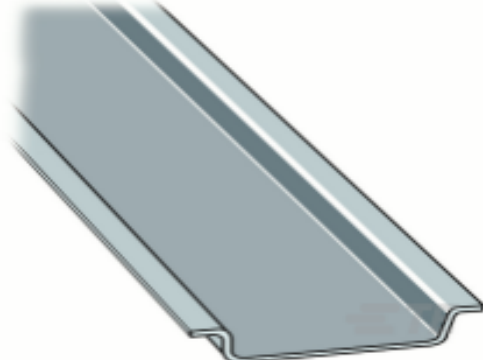
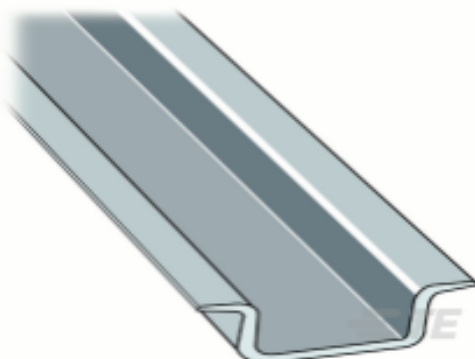
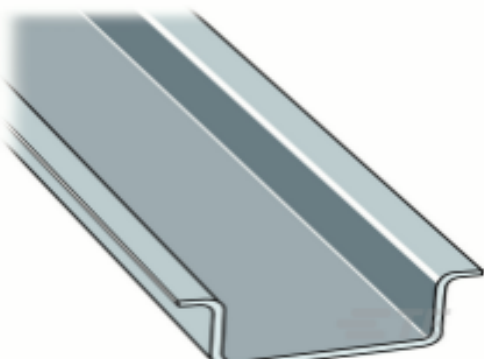
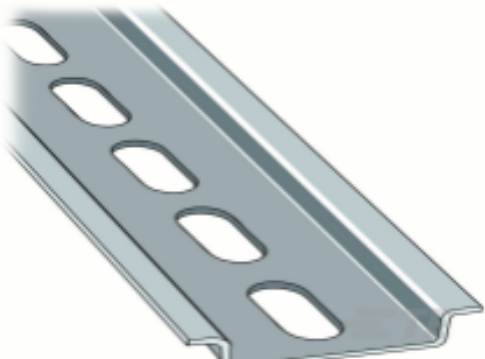
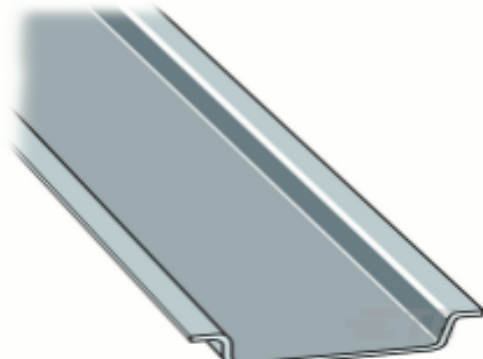
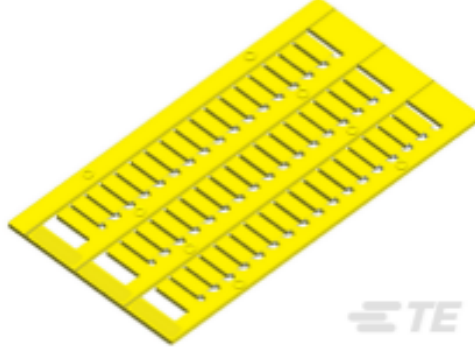


TE Part # 1SNK900001R0000  
BAM4

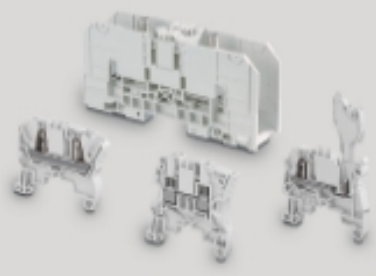


TE Part # 1SNK900002R0000  
BAZ1



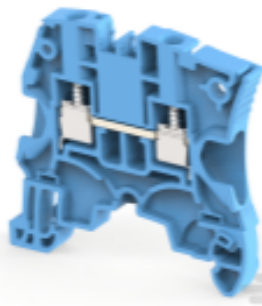
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|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <br>TE Part # 1SNK900104R0000<br>ES-TC8     | <br>TE Part # 1SNK900200R0000<br>TC5        | <br>TE Part # 1SNK900205R0000<br>TP4    | <br>TE Part # 1SNK900620R0000<br>PL8      |
| <br>TE Part # 1SNK900624R0000<br>KCO        | <br>TE Part # 1SNK908302R0000<br>JB8-2      | <br>TE Part # 1SNK908303R0000<br>JB8-3  | <br>TE Part # 1SNA164800R0300<br>PR3.G2  |
| <br>TE Part # 1SNA168500R1200<br>PR4      | <br>TE Part # 1SNA168700R2200<br>PR5     | <br>TE Part # 1SNA173220R0500<br>PR30 | <br>TE Part # 1SNA174300R1700<br>PR3.Z2 |
| <br>TE Part # 1SNK160004R0000<br>MC812-YL | <br>TE Part # 1SNK169999R0000<br>MC812PA | <br>TE Part # 1SNK900101R0000<br>CS   | <br>TE Part # 1SNK900103R0000<br>CS-R1  |

Also in the Series | ENTRELEC SNK

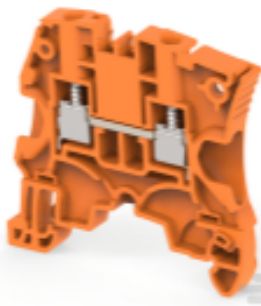
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|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Modular Terminal Blocks(320) | <br>Terminal Block & Strip Conducting Accessories(67) | <br>Terminal Block & Strip Insulating Accessories(31) |
|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|

Customers Also Bought





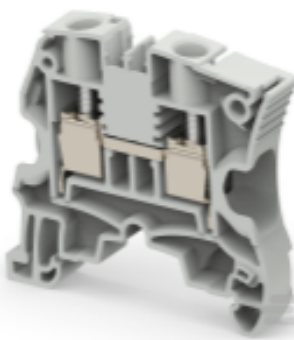
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ZS4-BL



TE Part # 1SNK505030R0000  
ZS4-OR



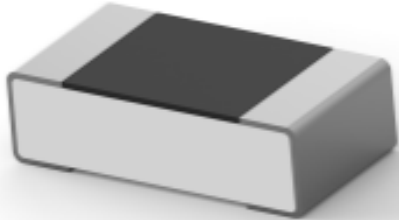
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ES4



TE Part # 1SNK508010R0000  
ZS10



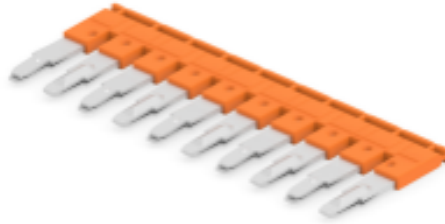
TE Part # 1SNK508150R0000  
ZS10-PE



TE Part # 2176372-7  
RQ 0603 57K6 0.1% 10PPM 5K RL



TE Part # 1SNK508066R0000  
ZS10-BK



TE Part # 1SNK908310R0000  
JB8-10



TE Part # L9000109-01  
Antenna Dome 2.4GHz RG174 216  
SMA

Documents

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK508062R0000\\_A1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK508062R0000\\_A1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK508062R0000\\_A1.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

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

Datasheets & Catalog Pages

[ENTRELEC Terminal Block - Master Catalog](#)

[ENTRELEC Terminal Block - Master Catalog](#)

English

1SNK508062R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Red, Product  
Spacing .315 in [8 mm], 2 Position, DIN Rail, ENTRELEC SNK



[ZS10-RD](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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

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[Agency Approvals](#)

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

English