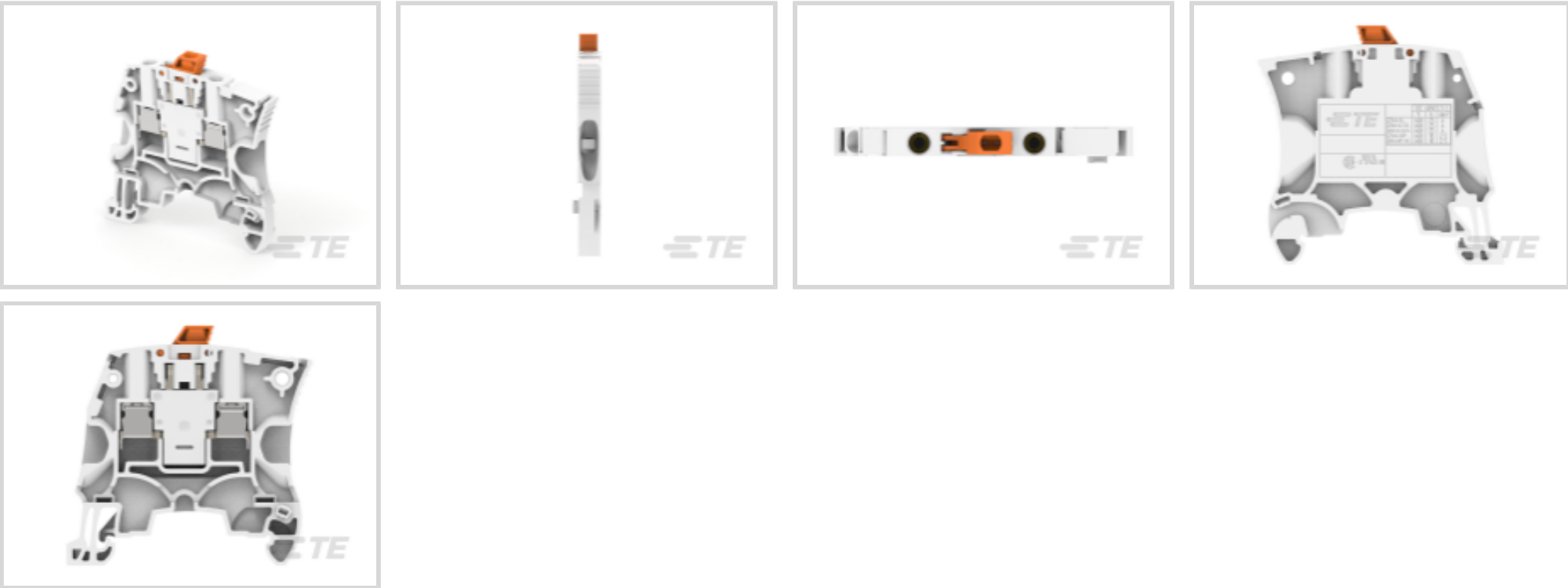




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Disconnect**  
Modular Terminal Block Product Type: **Screw Clamp Terminal Block**  
Primary Product Color: **Gray**  
Product Spacing: **5.2 mm [.205 in]**  
Number of Positions: **2**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

|                                                          |        |
|----------------------------------------------------------|--------|
| Impulse Withstanding Voltage Rating (IEC)                | 6000 V |
| Power Loss                                               | .8 W   |
| Short-Time Withstanding Current Rating @ 1s              | 480 A  |
| Voltage Rating (IEC)                                     | 400 V  |
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 150 V  |
| Voltage Rating (CSA)                                     | 150 V  |



|                                       |         |
|---------------------------------------|---------|
| Dielectric Withstanding Voltage (Max) | 1890 V  |
| Current Rating (UL)                   | 25 A    |
| Current Rating (IEC)                  | 25 A    |
| Operating Voltage                     | 150 VAC |

Body Features

|                       |                |
|-----------------------|----------------|
| Product Weight        | 8.6 g[.339 oz] |
| Primary Product Color | Gray           |

Termination Features

|                                    |                |
|------------------------------------|----------------|
| Termination Method to Wire & Cable | Screw Terminal |
|------------------------------------|----------------|

Mechanical Attachment

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

Housing Features

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

Dimensions

|                                                                     |                          |
|---------------------------------------------------------------------|--------------------------|
| Main Circuit Capacity - Twin Ferrule per Screw Clamp                | 24 – 16 AWG              |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp        | 24 – 10 AWG              |
| Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp         | 24 – 14 AWG              |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp     | .22 – 4 mm <sup>2</sup>  |
| Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp       | .2 – 1.5 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  | 24 – 10 AWG              |
| Wire Stripping Length                                               | 10.5 mm[.413 in]         |
| Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp | .2 – 1.5 mm <sup>2</sup> |
| Tool Size                                                           | 3.5 mm[.138 in]          |
| Product Depth                                                       | 51.4 mm[2.024 in]        |
| Product Length                                                      | 51.35 mm[2.02 in]        |
| Product Height                                                      | 53 mm[2.087 in]          |
| Product Spacing                                                     | 5.2 mm[.205 in]          |
| Wire Size                                                           | 4 mm <sup>2</sup>        |

Usage Conditions



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

Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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                                                                                      |

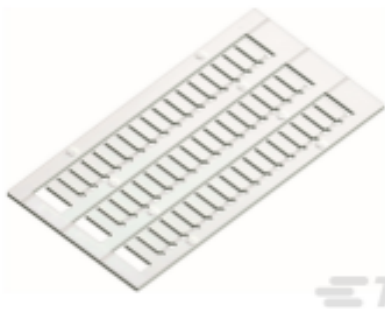
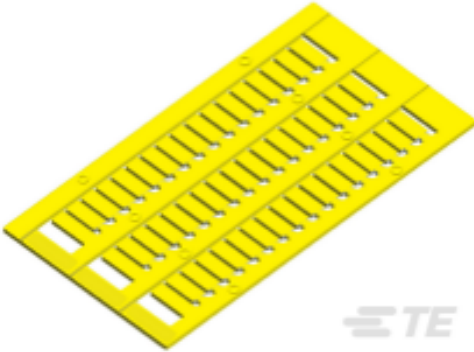
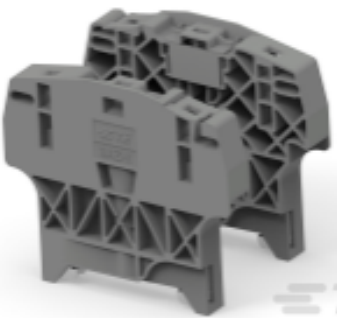
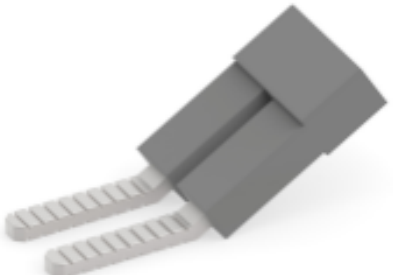
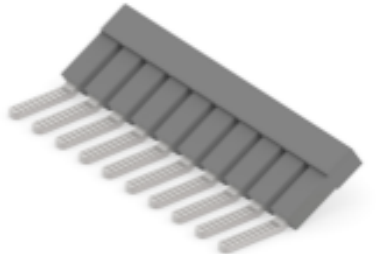
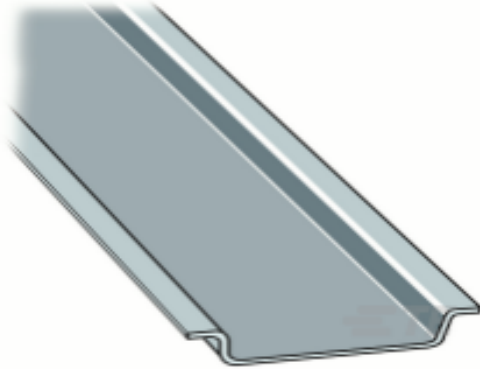
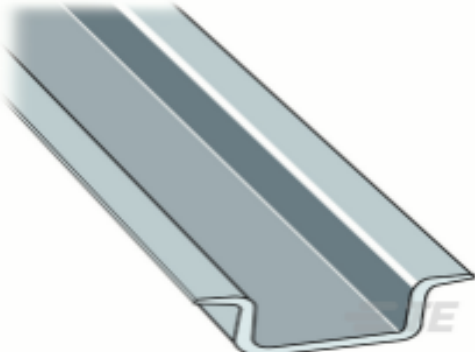
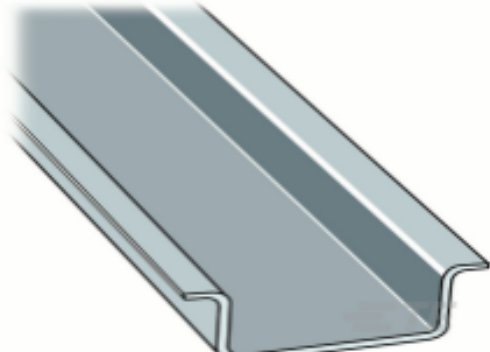
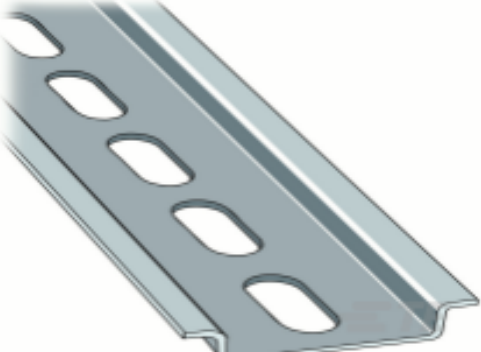
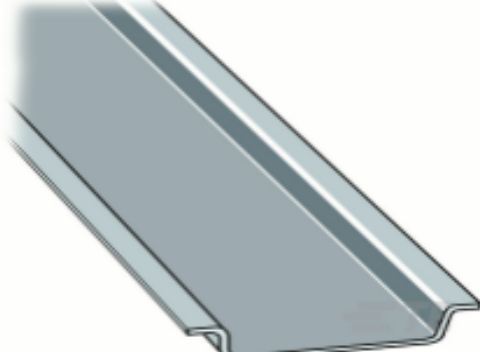
Product Compliance Disclaimer

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

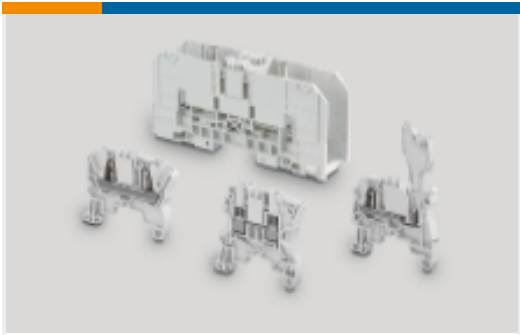




|                                                                                                                                  |                                                                                                                                 |                                                                                                                                   |                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1SNK140000R0000<br/>MC512</p>     |  <p>TE Part # 1SNK140004R0000<br/>MC512-YL</p> |  <p>TE Part # 1SNK900001R0000<br/>BAM4</p>     |  <p>TE Part # 1SNK900002R0000<br/>BAZ1</p>      |
|  <p>TE Part # 1SNK900103R0000<br/>CS-R1</p>     |  <p>TE Part # 1SNK900600R0000<br/>SHBS</p>     |  <p>TE Part # 1SNK900606R0000<br/>LH-J</p>     |  <p>TE Part # 1SNK900618R0000<br/>PL5</p>       |
|  <p>TE Part # 1SNK900624R0000<br/>KCO</p>     |  <p>TE Part # 1SNA113542R1000<br/>PC5-2</p>  |  <p>TE Part # 1SNA113544R1200<br/>PC5-10</p> |  <p>TE Part # 1SNA164800R0300<br/>PR3.G2</p>  |
|  <p>TE Part # 1SNA168500R1200<br/>PR4</p>     |  <p>TE Part # 1SNA168700R2200<br/>PR5</p>   |  <p>TE Part # 1SNA173220R0500<br/>PR30</p>   |  <p>TE Part # 1SNA174300R1700<br/>PR3.Z2</p>  |
|  <p>TE Part # 1SNK149999R0000<br/>MC512PA</p> |  <p>TE Part # 1SNK505910R0000<br/>ES4</p>    |  <p>TE Part # 1SNK900604R0000<br/>CO</p>     |  <p>TE Part # 1SNK900609R0000<br/>PROCAP5</p> |

Also in the Series | **ENTRELEC SNK**

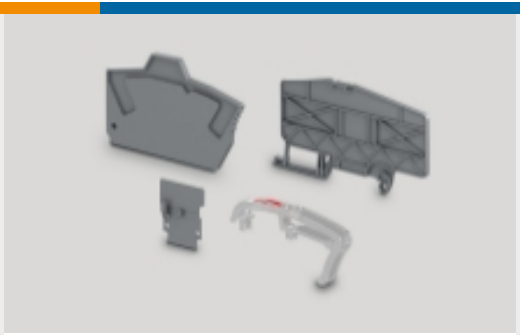




Modular Terminal Blocks(320)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #1SNK160000R0000  
MC812



TE Part #1SNK505010R0000  
ZS4



TE Part #1SNK505150R0000  
ZS4-PE



TE Part #1SNK505210R0000  
ZS4-D2



TE Part #1SNK506010R0000  
ZS6



TE Part #1SNK510010R0000  
ZS16



TE Part #1SNK516010R0000  
ZS35



TE Part #1SNK900605R0000  
LH.



TE Part #1SNK140021R0000  
MC512PA 11->20 (x10) Horizontal



TE Part #1SNK506020R0000  
ZS6-BL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1SNK505310R0000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNK505310R0000\_A.3d\_igs.zip

1SNK505310R0000

Disconnect, Screw Clamp Terminal Block, Gray, Product Spacing 5.2 mm [.205 in], 2  
Position, Screw Terminal, ENTRELEC SNK, Modular Terminal Blocks



English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK505310R0000\\_A.3d\\_stp.zip](#)

English

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

[ZS4-S](#)

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