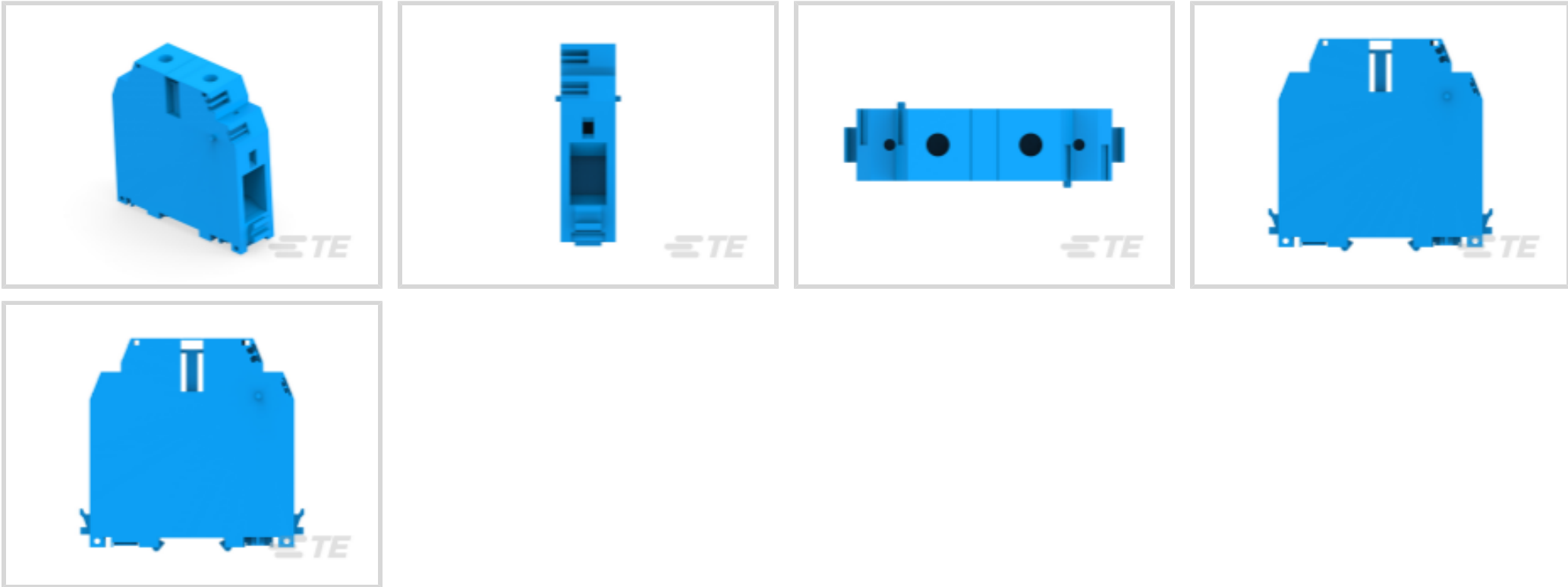




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**  
Modular Terminal Block Product Type: **Screw Clamp Terminal Block**  
Primary Product Color: **Blue**  
Wire Size: **350 kcmil**  
Product Spacing: **31 mm [ 1.22 in ]**

Features

Product Type Features

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

Configuration Features

|                     |              |
|---------------------|--------------|
| Gauge Type          | B14          |
| Number of Levels    | 1            |
| Number of Poles     | 1            |
| Number of Circuits  | 1            |
| Block Function      | Feed-Through |
| Number of Positions | 2            |

Electrical Characteristics

|                                                          |         |
|----------------------------------------------------------|---------|
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 1000 V  |
| Impulse Withstanding Voltage Rating (IEC)                | 12000 V |
| Voltage Rating (CSA)                                     | 1000 V  |
| Current Rating (CSA)                                     | 310 A   |
| Power Loss                                               | 9.9 W   |



|                                             |         |
|---------------------------------------------|---------|
| Dielectric Withstanding Voltage (Max)       | 3820 V  |
| Short-Time Withstanding Current Rating @ 1s | 18000 A |
| Voltage Rating (IEC)                        | 1000 V  |
| Current Rating (UL)                         | 310 A   |
| Current Rating (IEC)                        | 309 A   |

Body Features

|                       |                 |
|-----------------------|-----------------|
| Product Weight        | 318 g[12.52 oz] |
| Primary Product Color | Blue            |

Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| DIN Rail Mounting Type  | TH35-15, TH35-7.5 |
| Tightening Torque       | 177 in-lbs        |
| Connector Mounting Type | DIN Rail          |

Housing Features

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

Dimensions

|                                                                     |                 |
|---------------------------------------------------------------------|-----------------|
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  | 35 – 185 mm²    |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp        | 50 – 150 mm²    |
| Wire Stripping Length                                               | 40 mm[1.575 in] |
| Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp       | .5 – 10 mm²     |
| Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp | .5 – 16 mm²     |
| Tool Size                                                           | 8 mm[.315 in]   |
| Product Depth                                                       | 107 mm          |
| Product Height                                                      | 119.4 mm        |
| Wire Size                                                           | 350 kcmil       |
| Product Spacing                                                     | 31 mm[1.22 in]  |

Usage Conditions

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

Industry Standards

|                        |          |
|------------------------|----------|
| 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                               | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.                                                                          |
| Solder Process Capability                     | Not reviewed for solder process capability                                                                                      |

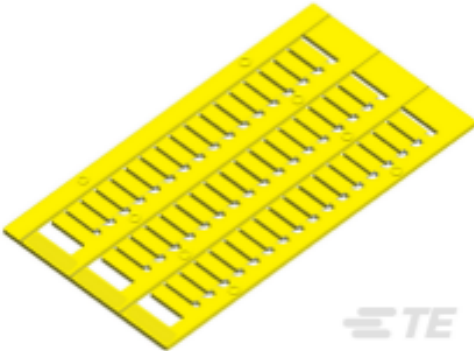
Product Compliance Disclaimer

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 # 1SNK140000R0000  
MC512



TE Part # 1SNK140004R0000  
MC512-YL



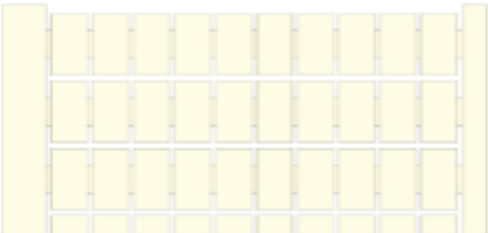
TE Part # 1SNK150000R0000  
MC612



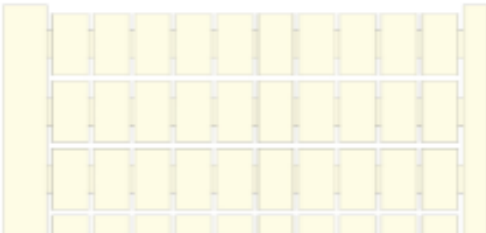
TE Part # 1SNK160000R0000  
MC812



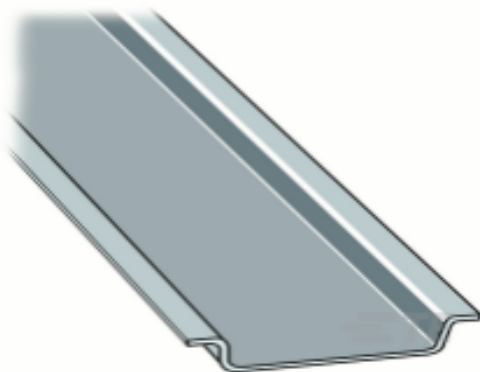
TE Part # 1SNK900102R0000  
BAZH1



TE Part # 1SNA103775R0000  
RC65-BL



TE Part # 1SNA103776R0100  
RC65-RD



TE Part # 1SNA164800R0300  
PR3.G2





TE Part # 1SNA168500R1200  
PR4

TE Part # 1SNA168700R2200  
PR5

TE Part # 1SNA173220R0500  
PR30

TE Part # 1SNA174300R1700  
PR3.Z2

TE Part # 1SNA178529R0400  
PR50

TE Part # 1SNA206230R1100  
RC610-GN

TE Part # 1SNA206231R0600  
RC610-YL

TE Part # 1SNA206232R0700  
RC610-OR

TE Part # 1SNA206235R0200  
RC610-RD

TE Part # 1SNA229000R1500  
RC410

TE Part # 1SNA230000R1200  
RC55

TE Part # 1SNA231000R0700  
RC510

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 #211773-1  
Cable/Panel Mount Connector, CPC  
Series 1

TE Part #206037-1  
CPC PLUG ASSEMBLY SIZE 17-16

TE Part #206512-5  
CPC Cable Clamps

TE Part #1-66399-0  
Pin and Socket Contacts, Type III, LP

1SNK531020R0000

Feed-Through, Screw Clamp Terminal Block, Blue, Product Spacing 31 mm [1.22 in], 2 Position, DIN Rail, ENTRELEC SNK, Modular Terminal Blocks



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1SNK531020R0000\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNK531020R0000\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNK531020R0000\_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

ZS150-BL

English

SNK SERIES TERMINAL BLOCKS

English

Agency Approvals

ZK-ZS\_ATEX\_1SND225112U1006-C-TE

English