

1SNK510020R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SNK510020R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, 4AWG Rated Cross Section, 16mm<sup>2</sup> Rated Cross Section, Blue

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Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Rated Cross Section: **16 mm<sup>2</sup>**

Primary Product Color: **Blue**

## Features

### Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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### Configuration Features

Gauge Type	A6-B6
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)	67 A
Power Loss	2.4 W
Short-Time Withstanding Current Rating @ 1s	1920 A
Voltage Rating (IEC)	1000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V
Dielectric Test Voltage	2200 V
Current Rating (UL)	67 A
Current Rating (IEC)	76 A

### Body Features

Product Weight	20.2 g[.795 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
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### Dimensions

Main Circuit Capacity - Twin Ferrule per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 4 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 8 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 16 mm <sup>2</sup>
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 6 mm <sup>2</sup>
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 4 AWG
Wire Stripping Length	13.5 mm[.531 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.5 – 6 mm <sup>2</sup>
Tool Size	5.5 mm[.217 in]
Product Depth	48.8 mm
Product Length	48.8 mm[1.92 in]
Product Height	56.1 mm
Rated Cross Section	16 mm <sup>2</sup>
Product Spacing	10 mm[.394 in]

### Usage Conditions

Storage Temperature Range	-55 – 110 °C[-67 – 230 °F]
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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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 # 1SNK160000R0000 MC812</p>	 <p>TE Part # 1SNK169999R0000 MC812PA</p>	 <p>TE Part # 1SNK505910R0000 ES4</p>	 <p>TE Part # 1SNK900001R0000 BAM4</p>
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### Customers Also Bought







## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK510020R0000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK510020R0000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK510020R0000\\_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](#)

English

[ZS16-BL](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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

### Agency Approvals

[CE Declaration of Conformity](#)

English

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