

1SNK516020R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

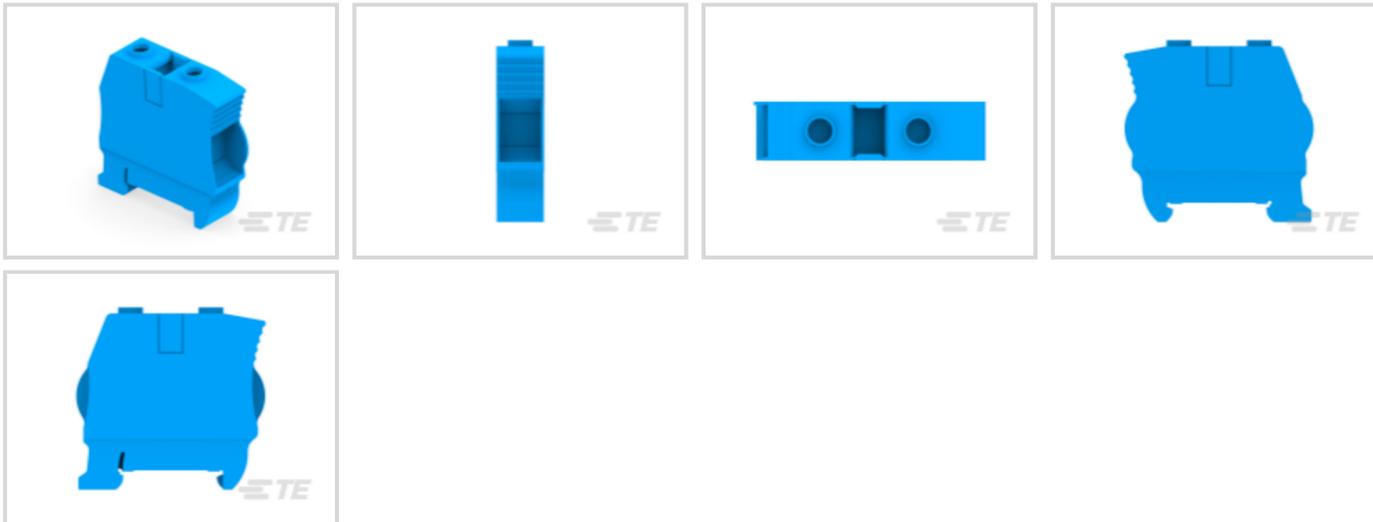
TE Internal #: 1SNK516020R0000

Screw Clamp Terminal Block, Feed-Through, Blue, 16 mm [.63 in]  
Spacing, 2 Position, Screw Terminal, Power & Signal, DIN Rail, 600  
VAC, ENTRELEC SNK

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Primary Product Color: **Blue**

Product Spacing: **16 mm [.63 in]**

Number of Positions: **2**

## Features

### Product Type Features

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

Number of Levels	1
Gauge Type	A9-B9
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

### Electrical Characteristics

Power Loss	4 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	125 A
Current Rating (UL)	150 A
Current Rating (CSA)	150 A

Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	4200 A
Operating Voltage	600 VAC

### Body Features

Product Weight	53.4 g[2.102 oz]
Primary Product Color	Blue

### Termination Features

Termination Method to Wire & Cable	Screw Terminal
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### 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

Product Depth	54.3 mm[2.138 in]
Wire Stripping Length	17 mm[.669 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	10 – 6 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	12 – 8 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	10 – 6 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	10 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	4 – 35 mm <sup>2</sup>
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	4 – 35 mm <sup>2</sup>
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	10 – 0 AWG
Product Length	54.3 mm[2.14 in]
Product Height	59 mm[2.323 in]
Product Spacing	16 mm[.63 in]
Wire Size	2 AWG

### Usage Conditions

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

**Operation/Application**

Circuit Application	Power & Signal
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**Industry Standards**

UL Flammability Rating	UL 94V-0
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**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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

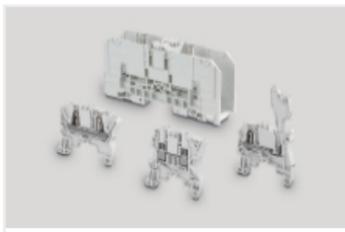
Product Compliance Disclaimer

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**



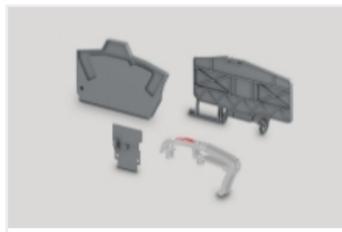
Also in the Series | **ENTRELEC SNK**



Modular Terminal Blocks(319)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

## Customers Also Bought



TE Part #1SNA235532R0000  
PM184



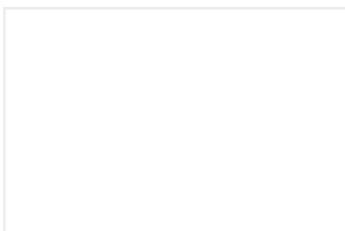
TE Part #1SNK505314R0000  
ZS4-SP-T2



TE Part #1SNA235776R0000  
TAA0917



TE Part #1SNK516021R0000  
ZS50-BL



TE Part #1SNA166948R0400  
TC-S-INF-VL-2.2



TE Part #1SNK512010R0000  
ZS25



TE Part #1SNK512020R0000  
ZS25-BL



TE Part #1SNK900621R0000  
PL10



TE Part #1SNK908914R0000  
JB8-4-R2



TE Part #1SNK510150R0000  
ZS16-PE

## Documents

### Product Drawings

[ZS35-BL](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK516020R0000\\_A.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1SNK516020R0000\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1SNK516020R0000\\_A.3d\\_stp.zip](#)

English

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

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## Datasheets & Catalog Pages

[ZS35-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

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

English