

1SNK505220R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

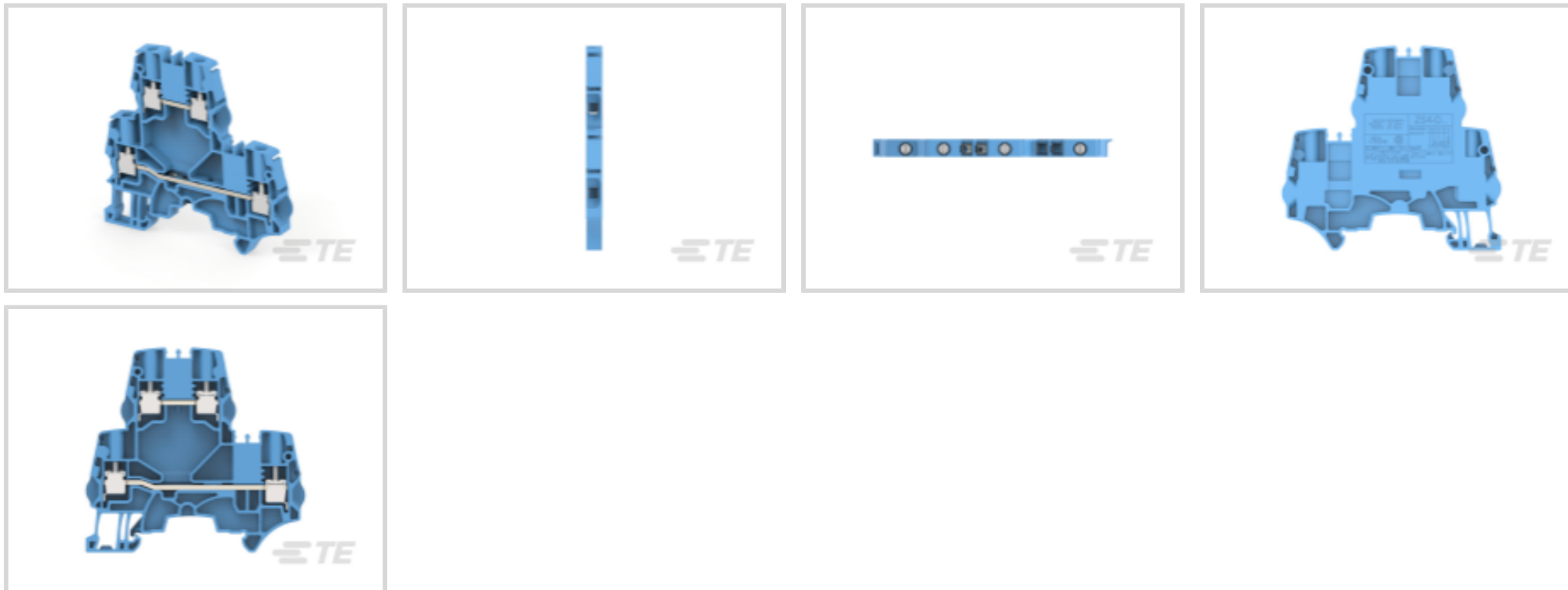
TE Internal #: 1SNK505220R0000

Feed-Through, Screw Clamp Terminal Block, Blue, Product Spacing  
5.2 mm [.205 in], 4 Position, DIN Rail, ENTRELEC SNK, Modular  
Terminal Blocks

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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: **5.2 mm [.205 in]**

Number of Positions: **4**

## Features

### Configuration Features

Block Function	Feed-Through
Number of Positions	4
Number of Levels	2
Gauge Type	A3-B3
Number of Circuits	2

### Product Type Features

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

Primary Product Color	Blue
Product Weight	15.3 g [.602 oz]

### Dimensions

Product Spacing	5.2 mm [.205 in]
Product Depth	65.5 mm
Tool Size	3.5 mm [.138 in]

Wire Stripping Length	10 mm[.394 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 12 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm <sup>2</sup>
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.22 – 2.5 mm <sup>2</sup>
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 12 AWG
Product Length	65.5 mm[2.58 in]
Product Height	70.4 mm
<b>Mechanical Attachment</b>	
Connector Mounting Type	DIN Rail
DIN Rail Mounting Type	TH35-15, TH35-7.5
<b>Usage Conditions</b>	
Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]
Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
<b>Other</b>	
EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant
<b>Electrical Characteristics</b>	
Power Loss	1.9 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	300 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	29 A
Current Rating (UL)	20 A
Current Rating (CSA)	20 A
Dielectric Withstanding Voltage (Max)	2000 V
Voltage Rating (IEC)	800 V
Voltage Rating (CSA)	300 V
Short-Time Withstanding Current Rating @ 1s	480 A

**Housing Features**



Housing Material	Polyamide
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**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) Candidate List Declared Against: JUNE 2024 (241) 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**





Also in the Series | **ENTRELEC SNK**



Customers Also Bought



## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK505220R0000\\_A.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK505220R0000\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK505220R0000\\_A.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[ZS4-D2-BL](#)

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