

1SNK705220R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SNK705220R0000

Modular Terminal Blocks, Feed-Through, PI-Spring Terminal Block,  
12AWG Rated Cross Section, 2.5mm<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: **PI-Spring Terminal Block**

Rated Cross Section: **2.5 mm<sup>2</sup>**

Primary Product Color: **Blue**

## Features

### Product Type Features

Modular Terminal Block Product Type	PI-Spring Terminal Block
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### Configuration Features

Gauge Type	A2 / 2.3 mm Dia.
Number of Levels	2
Number of Circuits	2
Block Function	Feed-Through
Number of Positions	4

### Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	20 A
Power Loss	1 W
Short-Time Withstanding Current Rating @ 1s	300 A
Voltage Rating (IEC)	800 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V
Current Rating (UL)	20 A
Current Rating (IEC)	24 A

### Body Features

Product Weight	11.2 g[.441 oz]
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Primary Product Color	Blue
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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

Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp	.2 – 4 mm <sup>2</sup>
Main Circuit Capacity - Twin Ferrule per Spring Clamp	.22 – .5 mm <sup>2</sup>
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.22 – 2.5 mm <sup>2</sup>
Wire Stripping Length	11 mm [.433 in]
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	.22 – 2.5 mm <sup>2</sup>
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	26 – 14 AWG
Tool Size	3.5 mm [.138 in]
Product Depth	60.2 mm
Product Length	60.2 mm
Product Height	78.5 mm
Rated Cross Section	2.5 mm <sup>2</sup>
Product Spacing	5.2 mm [.205 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](https://www.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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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 MC512</p>	 <p>TE Part # 1SNK140004R0000 MC512-YL</p>	 <p>TE Part # 1SNK149999R0000 MC512PA</p>	 <p>TE Part # 1SNK705960R0000 EK2.5-D2</p>
 <p>TE Part # 1SNK900102R0000 BAZH1</p>	 <p>TE Part # 1SNK900200R0000 TC5</p>	 <p>TE Part # 1SNK900201R0000 TC5-R1</p>	 <p>TE Part # 1SNK900205R0000 TP4</p>



### Customers Also Bought



### Documents



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK705220R0000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK705220R0000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK705220R0000\\_A.3d\\_stp.zip](#)

English

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### Datasheets & Catalog Pages

#### ZK2.5-D2-BL

English

#### SNK SERIES TERMINAL BLOCKS

English

#### ENTRELEC Terminal Block - Master Catalog

English

#### ENTRELEC Terminal Blocks Catalogue (RUS)

### Agency Approvals

#### CE Declaration of Conformity

English