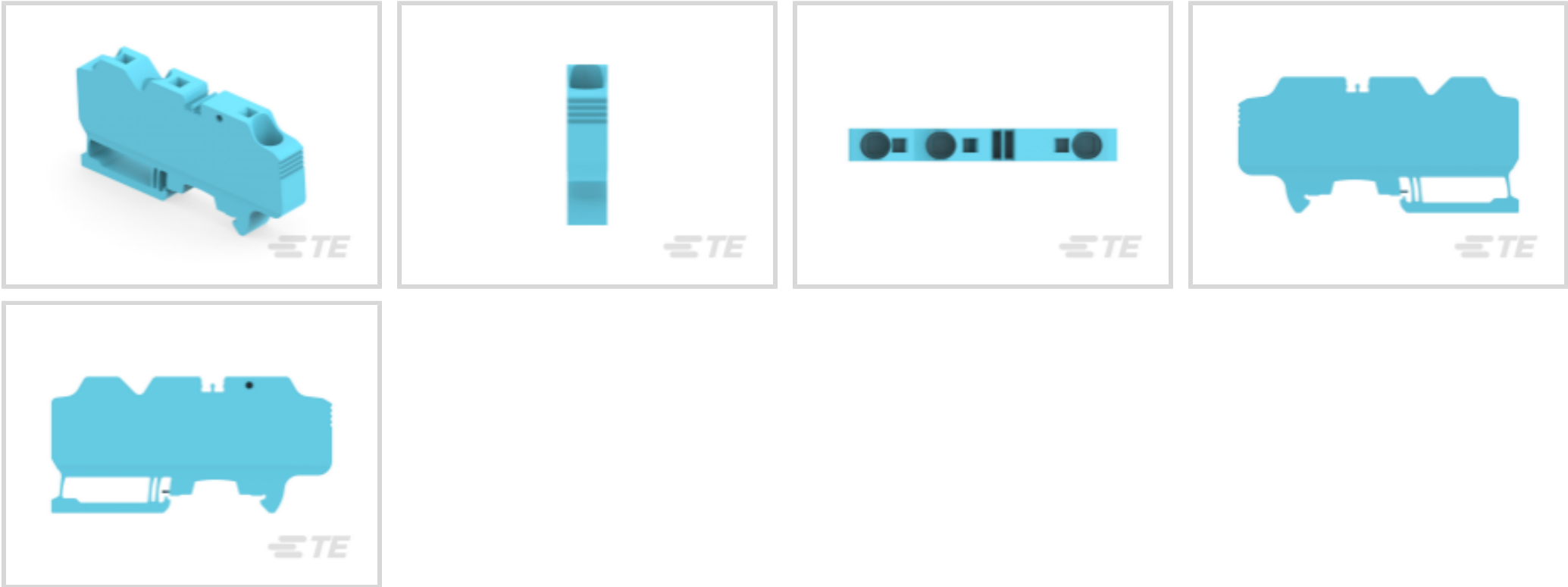




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**  
Modular Terminal Block Product Type: **PI-Spring Terminal Block**  
Rated Cross Section: **16 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	A7 & 6.3 mm Dia.
Number of Levels	1
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	3

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	75 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	1000 V
Voltage Rating (CSA)	1000 V



Dielectric Test Voltage	2200 V
Current Rating (UL)	75 A
Current Rating (IEC)	76 A

Body Features

Product Weight	44.304 g[1.744 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 - 1 Rigid Stranded Conductor per Spring Clamp	.5 – 25 mm²
Main Circuit Capacity - Twin Ferrule per Spring Clamp	.5 – 6 mm²
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 – 16 mm²
Wire Stripping Length	15 mm[.591 in]
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	.5 – 16 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	20 – 6 AWG
Tool Size	4 mm[.157 in]
Product Depth	47.5 mm
Product Length	98.3 mm[3.87 in]
Product Height	98.3 mm
Rated Cross Section	16 mm²
Product Spacing	12 mm[.472 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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




TE Part # 1SNK140004R0000  
MC512-YL



TE Part # 1SNK150004R0000  
MC612-YL







TE Part # 1SNK160004R0000  
MC812-YL


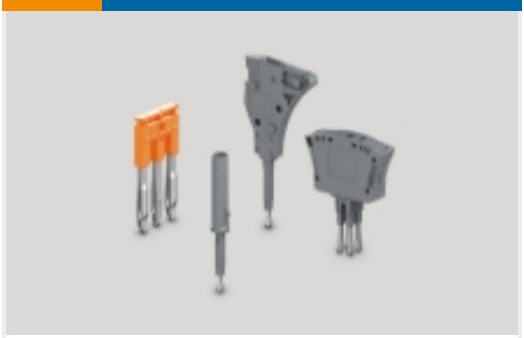



TE Part # 1SNK900001R0000  
BAM4



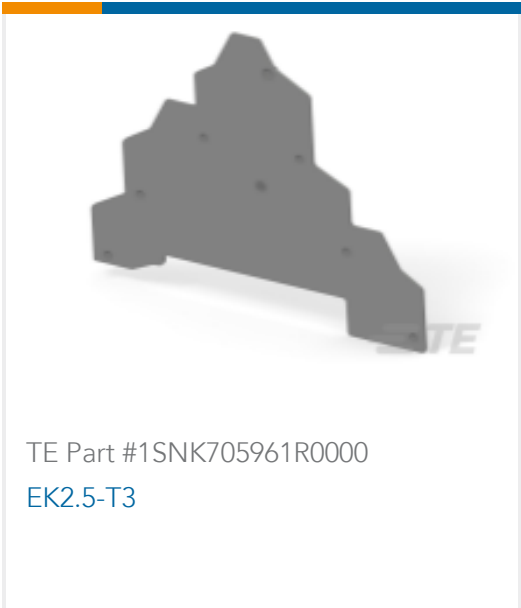
 <p>TE Part # 1SNK900002R0000 BAZ1</p>	 <p>TE Part # 1SNK900102R0000 BAZH1</p>	 <p>TE Part # 1SNK900203R0000 TP2</p>	 <p>TE Part # 1SNK912302R0000 JB12-2</p>
 <p>TE Part # 1SNK912303R0000 JB12-3</p>	 <p>TE Part # 1SNA164800R0300 PR3.G2</p>	 <p>TE Part # 1SNA168500R1200 PR4</p>	 <p>TE Part # 1SNA168700R2200 PR5</p>
 <p>TE Part # 1SNA173220R0500 PR30</p>	 <p>TE Part # 1SNA174300R1700 PR3.Z2</p>	 <p>TE Part # 1SNA178529R0400 PR50</p>	 <p>TE Part # 1SNK140000R0000 MC512</p>
 <p>TE Part # 1SNK149999R0000 MC512PA</p>	 <p>TE Part # 1SNK150000R0000 MC612</p>	 <p>TE Part # 1SNK159999R0000 MC612PA</p>	 <p>TE Part # 1SNK160000R0000 MC812</p>

Also in the Series | ENTRELEC SNK

 <p>Modular Terminal Blocks(318)</p>	 <p>Terminal Block &amp; Strip Conducting Accessories(67)</p>	 <p>Terminal Block &amp; Strip Insulating Accessories(30)</p>
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Customers Also Bought





Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1SNK712021R0000\_B1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNK712021R0000\_B1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNK712021R0000\_B1.2d\_dxf.zip

English

3D PDF

3D

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

ZK16-3P-BL

English



SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Agency Approvals

Agency Approval Document

English