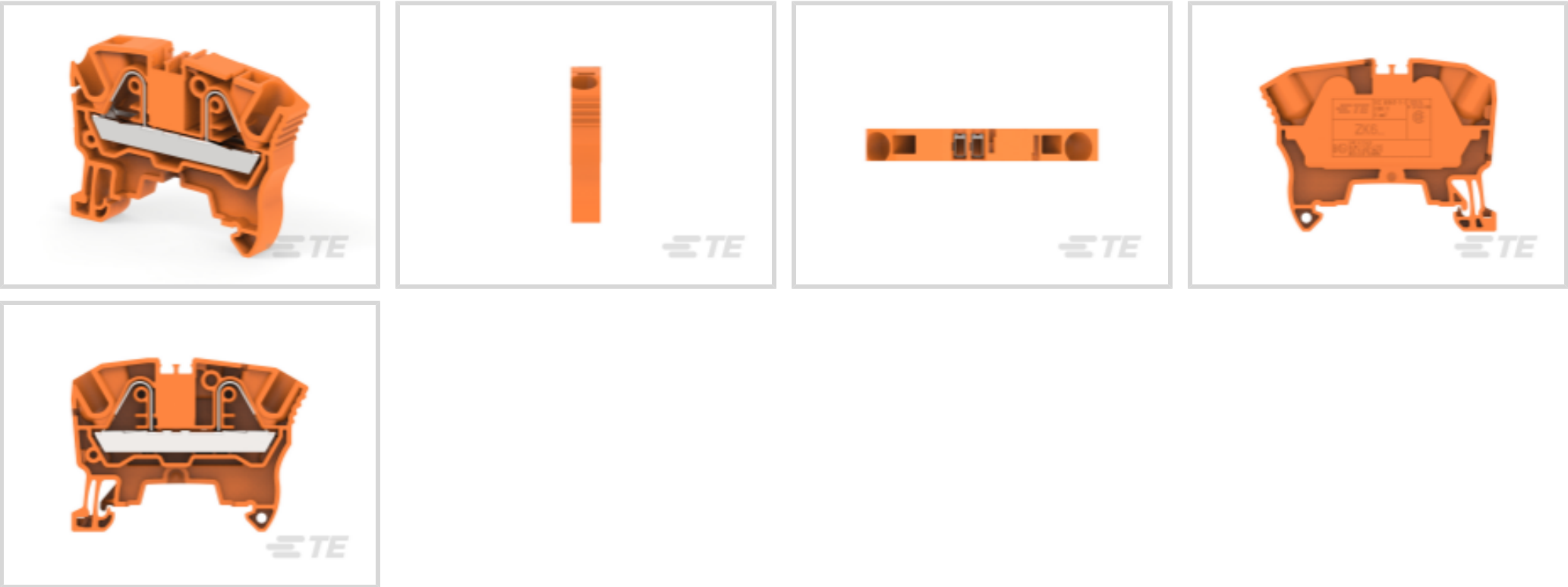




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**
Modular Terminal Block Product Type: **PI-Spring Terminal Block**
Rated Cross Section: **6 mm²**
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	A5 & 3.9 mm Dia.
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)	50 A
Power Loss	1.3 W
Short-Time Withstanding Current Rating @ 1s	720 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)	50 A
Current Rating (IEC)	41 A

Body Features

Product Weight	11.8 g[.465 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 – 10 mm²
Main Circuit Capacity - Twin Ferrule per Spring Clamp	.5 – 1.5 mm²
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 – 6 mm²
Wire Stripping Length	12.5 mm[.492 in]
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	.5 – 6 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	24 – 10 AWG
Tool Size	3.5 mm[.138 in]
Product Depth	41.9 mm
Product Length	41.9 mm
Product Height	57.5 mm
Rated Cross Section	6 mm²
Product Spacing	8 mm[.315 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

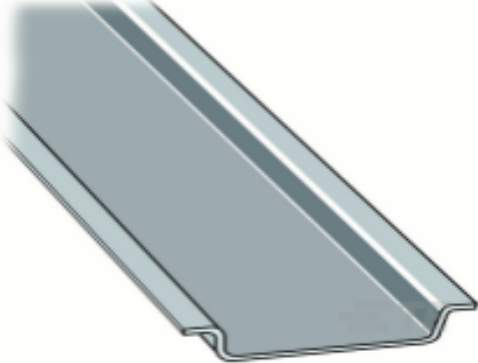
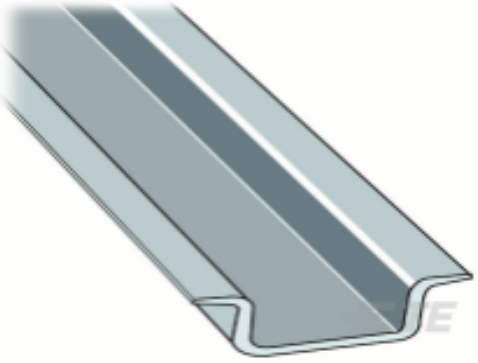
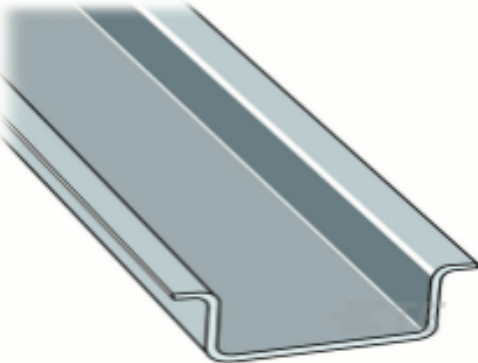
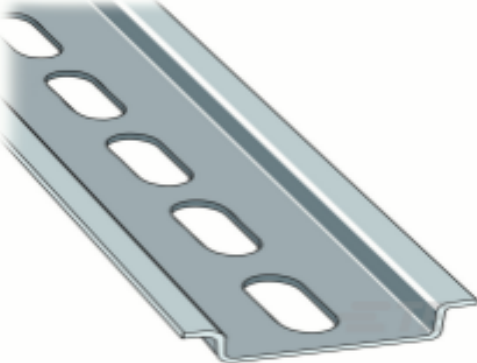


TE Part # 1SNK160004R0000
MC812-YL

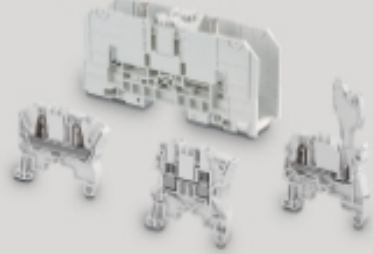


TE Part # 1SNK705910R0000
EK2.5



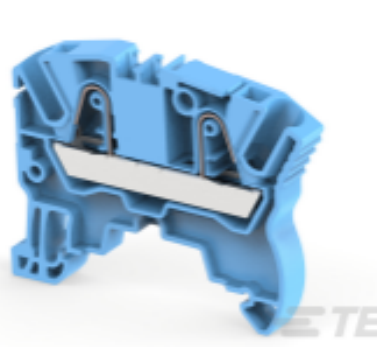
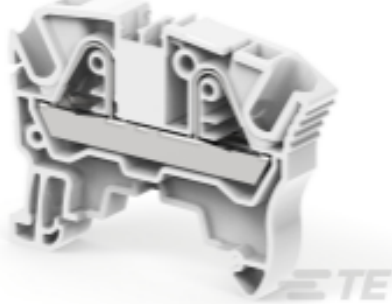
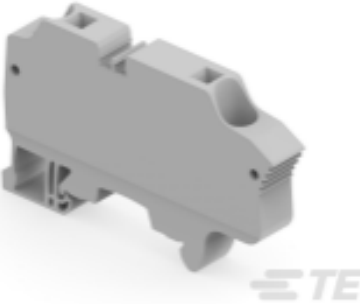
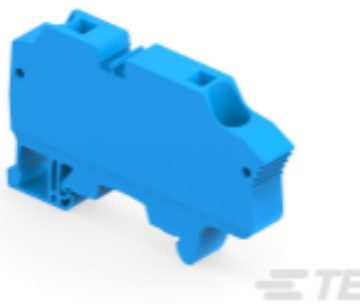
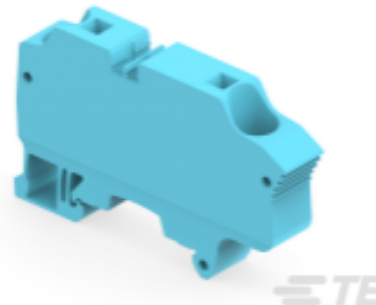
 TE Part # 1SNK900001R0000 BAM4	 TE Part # 1SNK900002R0000 BAZ1	 TE Part # 1SNK900102R0000 BAZH1	 TE Part # 1SNK900103R0000 CS-R1
 TE Part # 1SNK900104R0000 ES-TC8	 TE Part # 1SNK900106R0000 CS-R2	 TE Part # 1SNK900107R0000 CS-R3	 TE Part # 1SNK900203R0000 TP2
 TE Part # 1SNK900603R0000 JB85-3	 TE Part # 1SNK908302R0000 JB8-2	 TE Part # 1SNK908303R0000 JB8-3	 TE Part # 1SNK908305R0000 JB8-5
 TE Part # 1SNA164800R0300 PR3.G2	 TE Part # 1SNA168500R1200 PR4	 TE Part # 1SNA168700R2200 PR5	 TE Part # 1SNA173220R0500 PR30

Also in the Series | ENTRELEC SNK

 Modular Terminal Blocks(318)	 Terminal Block & Strip Conducting Accessories(67)	 Terminal Block & Strip Insulating Accessories(30)
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Customers Also Bought



 TE Part #1SNK705150R0000 ZK2.5-PE	 TE Part #1SNK705910R0000 EK2.5	 TE Part #1SNK706010R0000 ZK4	 TE Part #1SNK706020R0000 ZK4-BL
 TE Part #1SNK706150R0000 ZK4-PE	 TE Part #1SNK708010R0000 ZK6	 TE Part #1SNK710010R0000 ZK10	 TE Part #1SNK710020R0000 ZK10-BL
 TE Part #1SNK712020R0000 ZK16-BL	 TE Part #1SNK712150R0000 ZK16-PE		

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK708020R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK708020R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK708020R0000_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

ZK6-BL

English



SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Essential Entrelec Terminal Blocks

French

Essential Entrelec Terminal Blocks

English

Agency Approvals

Agency Approval Document

English