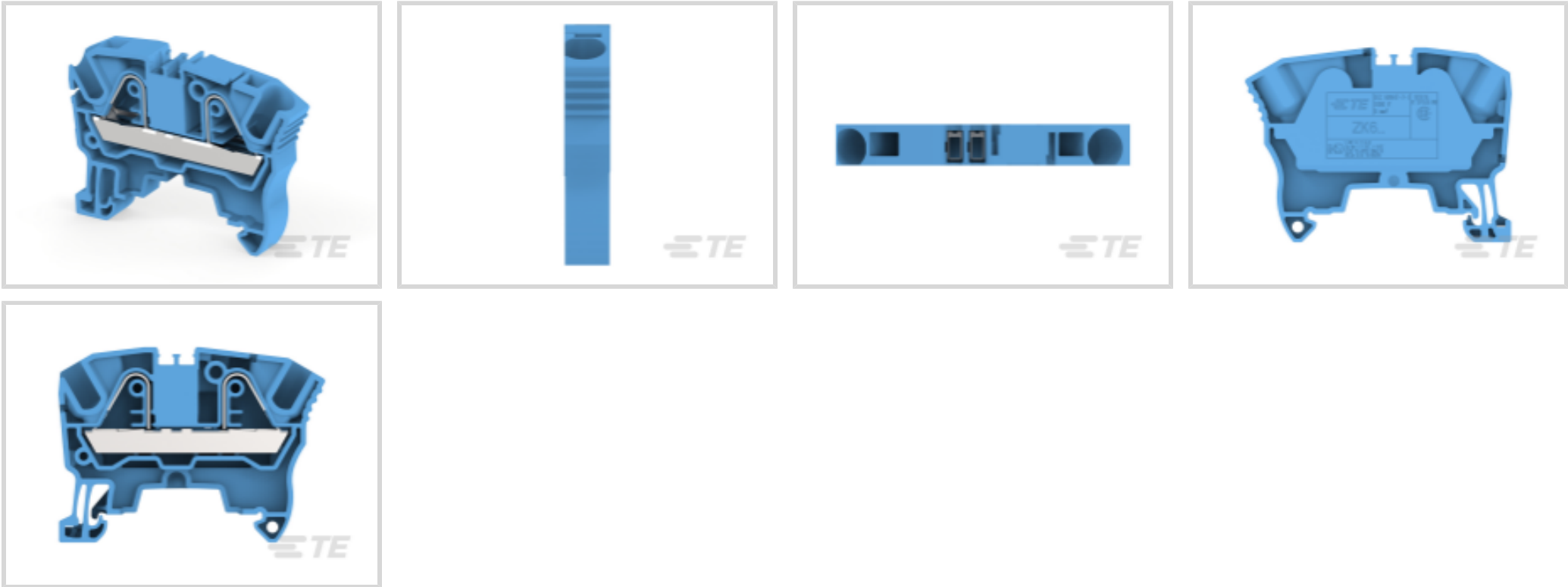




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Modular Terminal Block Product Type: **PI-Spring Terminal Block**

Block Function: **Feed-Through**

Primary Product Color: **Blue**

Product Spacing: **8 mm [.315 in]**

Number of Positions: **2**

Features

Housing Features

Housing Material	Polyamide
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Industry Standards

IP Rating	IP20
UL Flammability Rating	UL 94V-0

Electrical Characteristics

Power Loss	1.3 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	41 A
Current Rating (UL)	50 A
Current Rating (CSA)	50 A
Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V



Short-Time Withstanding Current Rating @ 1s

720 A

Usage Conditions

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

Mechanical Attachment

DIN Rail Mounting Type	TH35-15, TH35-7.5
Connector Mounting Type	DIN Rail

Dimensions

Main Circuit Capacity - Twin Ferrule per Spring Clamp	24 – 16 AWG
Product Depth	41.9 mm
Tool Size	3.5 mm[.138 in]
Wire Stripping Length	12.5 mm[.492 in]
Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp	24 – 8 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 – 6 mm ²
Product Length	41.9 mm
Product Height	57.5 mm
Product Spacing	8 mm[.315 in]

Body Features

Product Weight	11.8 g[.465 oz]
Primary Product Color	Blue

Configuration Features

Number of Levels	1
Gauge Type	A5 & 3.9 mm Dia.
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Product Type Features

Modular Terminal Block Product Type	PI-Spring Terminal Block
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Other

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EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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



TE Part # 1SNK908303R0000
JB8-3



TE Part # 1SNK908310R0000
JB8-10

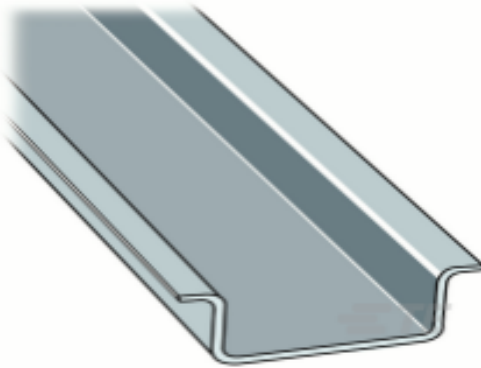
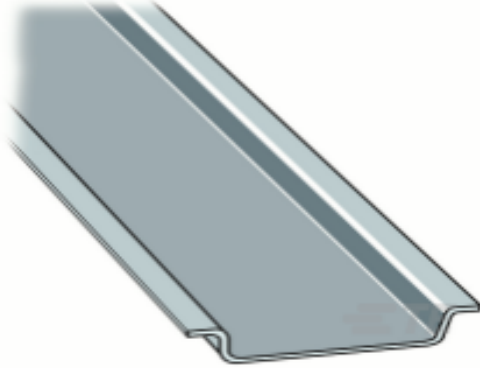
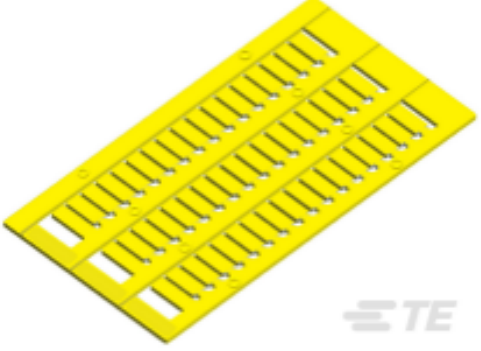
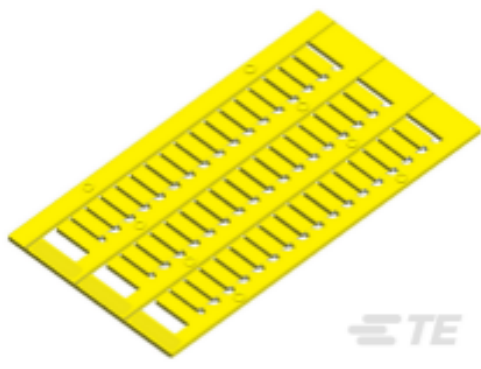
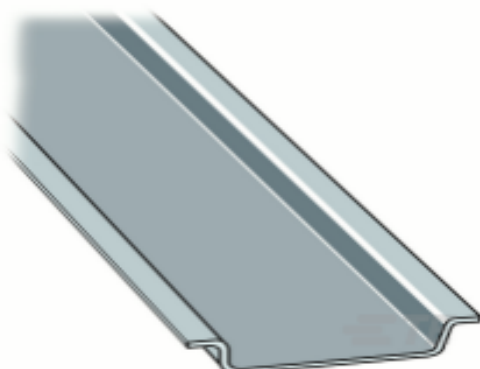


TE Part # 1SNK900205R0000
TP4

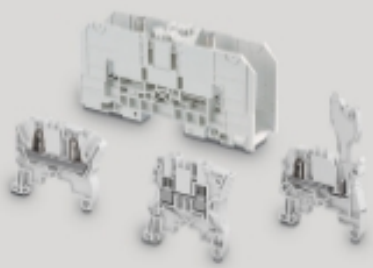


TE Part # 1SNK160004R0000
MC812-YL



 TE Part # 1SNK908305R0000 JB8-5	 TE Part # 1SNK900102R0000 BAZH1	 TE Part # 1SNK906302R0000 JB6-2	 TE Part # 1SNK169999R0000 MC812PA
 TE Part # 1SNK908304R0000 JB8-4	 TE Part # 1SNK900106R0000 CS-R2	 TE Part # 1SNA168700R2200 PR5	 TE Part # 1SNA164800R0300 PR3.G2
 TE Part # 1SNK900603R0000 JB85-3	 TE Part # 1SNK150004R0000 MC612-YL	 TE Part # 1SNK900203R0000 TP2	 TE Part # 1SNK900659R0000 TO3.5-50-A
 TE Part # 1SNK140004R0000 MC512-YL	 TE Part # 1SNK159999R0000 MC612PA	 TE Part # 1SNK900201R0000 TC5-R1	 TE Part # 1SNA174300R1700 PR3.Z2

Also in the Series | ENTRELEC SNK

 Modular Terminal Blocks(319)	 Terminal Block & Strip Conducting Accessories(67)	 Terminal Block & Strip Insulating Accessories(31)
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Customers Also Bought



TE Part #1SNK705062R0000
[ZK2.5-RD](#)



TE Part #1SNK705210R0000
[ZK2.5-D2](#)



TE Part #1SNK706010R0000
[ZK4](#)



TE Part #1SNK708010R0000
[ZK6](#)



TE Part #1SNK710010R0000
[ZK10](#)



TE Part #1SNK710910R0000
[EK10](#)



TE Part #1SNK905303R0000
[JB5-3](#)



TE Part #1SNK708021R0000
[ZK6-3P-BL](#)



TE Part #1SNK708066R0000
[ZK6-BK](#)



TE Part #1SNK905310R0000
[JB5-10](#)

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](#)

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[ENG_CVM_CVM_1SNK708020R0000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ZK6-BL](#)

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