



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: **3**

Features

Product Type Features

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

Number of Levels	1
Gauge Type	A5 & 3.9 mm Dia.
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	3

Electrical Characteristics

Power Loss	1 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

Body Features

Product Weight	16.7 g[.657 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 - 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 mm²
Product Length	41.9 mm
Product Height	79.1 mm
Product Spacing	8 mm[.315 in]

Usage Conditions

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

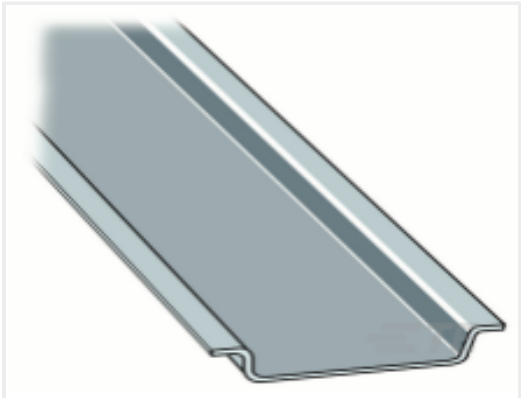
Product Compliance Disclaimer

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 # 1SNK900102R0000
BAZH1



TE Part # 1SNA164800R0300
PR3.G2

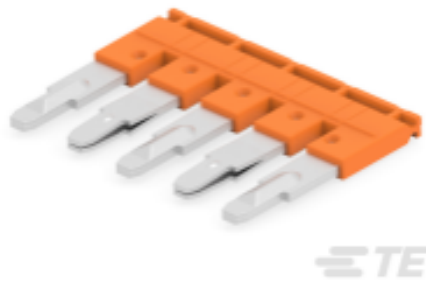
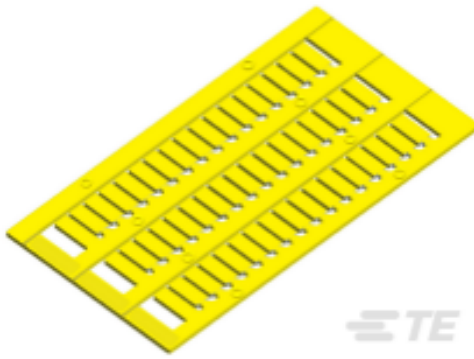
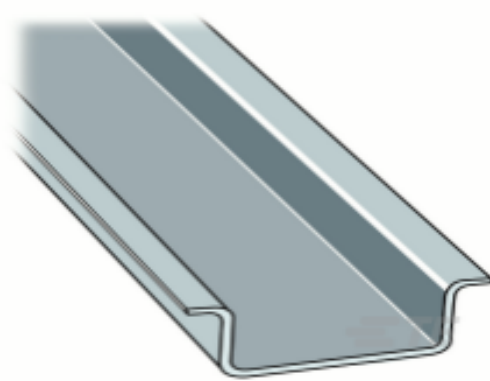
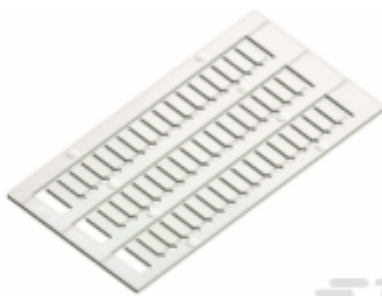
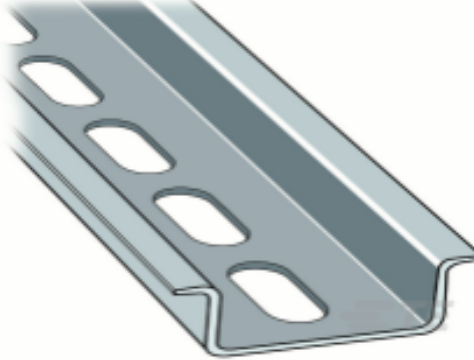
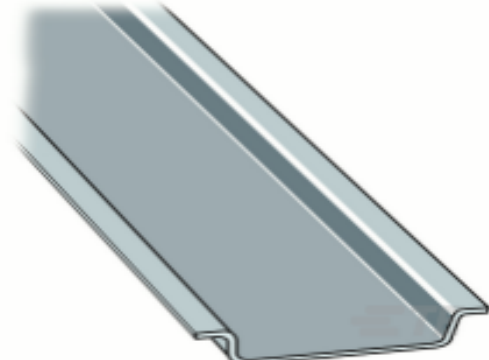
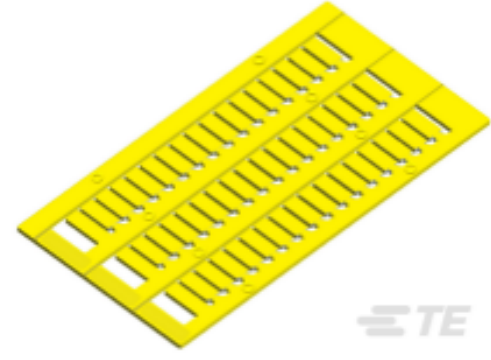


TE Part # 1SNK908304R0000
JB8-4

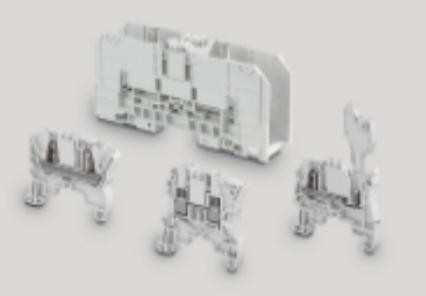
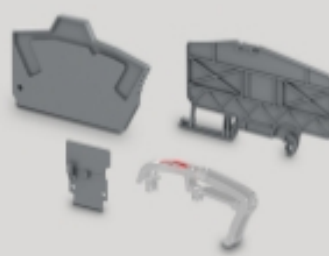


TE Part # 1SNK908310R0000
JB8-10



 TE Part # 1SNK908305R0000 JB8-5	 TE Part # 1SNK160004R0000 MC812-YL	 TE Part # 1SNK169999R0000 MC812PA	 TE Part # 1SNK908303R0000 JB8-3
 TE Part # 1SNK906302R0000 JB6-2	 TE Part # 1SNA168700R2200 PR5	 TE Part # 1SNK900205R0000 TP4	 TE Part # 1SNK900603R0000 JB85-3
 TE Part # 1SNK140000R0000 MC512	 TE Part # 1SNK159999R0000 MC612PA	 TE Part # 1SNK908302R0000 JB8-2	 TE Part # 1SNA178529R0400 PR50
 TE Part # 1SNK900203R0000 TP2	 TE Part # 1SNK900659R0000 TO3.5-50-A	 TE Part # 1SNA174300R1700 PR3.ZZ	 TE Part # 1SNK140004R0000 MC512-YL

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 #1SNK705510R0000
ZK2.5-T3



TE Part #T4110011051-000
M12 F, 5P GOLDR A_CODE S
SHIELDED PG7



TE Part #1SNK708151R0000
ZK6-PE-3P



TE Part #1SNK708020R0000
ZK6-BL



TE Part #1SNK705020R0000
ZK2.5-BL



TE Part #1SNK706010R0000
ZK4



TE Part #T4111012051-000
M12 M, 5P GOLD A_CODE S
SHIELDED PG9



TE Part #1SNK905303R0000
JB5-3



TE Part #1SNK705210R0000
ZK2.5-D2



TE Part #1SNK705961R0000
EK2.5-T3

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK708021R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK708021R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK708021R0000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

ZK6-3P-BL

English

ENTRELEC Terminal Block - Master Catalog



[ENTRELEC Terminal Block - Master Catalog](#)

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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English