



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Primary Product Color: **Gray**

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

Number of Positions: **2**

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	2

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
Operating Voltage	600 VAC

Body Features

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

Termination Features

Termination Method to Wire & Cable	Spring Terminal
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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 - Twin Ferrule per Spring Clamp	24 – 16 AWG
Product Depth	41.9 mm[1.649 in]
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[1.649 in]
Product Height	57.5 mm[2.264 in]
Product Spacing	8 mm[.315 in]
Wire Size	8 AWG

Usage Conditions

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



Operation/Application

Circuit Application	Power & Signal
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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1SNK156182R0000
MC612PA R (x100) Vertical



TE Part # 1SNK166231R0000
MC812PA W (x100) Horizontal



TE Part # 1SNK168161R0000
MC812PA W1 (x100) Horizontal



TE Part # 1SNK140062R0000
MC512PA 51->60 (x10) Vertical



TE Part # 1SNK140083R0000
MC512PA 81->90 (x10) Horizontal



TE Part # 1SNK145081R0000
MC512PA 701->800 Horizontal



TE Part # 1SNK140132R0000
MC512PA 121->130 (x10) Vertical



TE Part # 1SNK140201R0000
MC512PA 191->200 (x10) Horizontal



TE Part # 1SNK900102R0000
BAZH1



TE Part # 1SNK145102R0000
MC512PA 901->1000 Vertical



TE Part # 1SNK157012R0000
MC612PA 1 (x100) Vertical



TE Part # 1SNK157022R0000
MC612PA 2 (x100) Vertical



TE Part # 1SNK145041R0000
MC512PA 301->400 Horizontal



TE Part # 1SNK145061R0000
MC512PA 501->600 Horizontal



TE Part # 1SNK155052R0000
MC612PA 401->500 Vertical



TE Part # 1SNK167042R0000
MC812PA 4 (x100) Vertical



TE Part # 1SNK168052R0000
MC812PA L1 (x100) Vertical



TE Part # 1SNK908303R0000
JB8-3

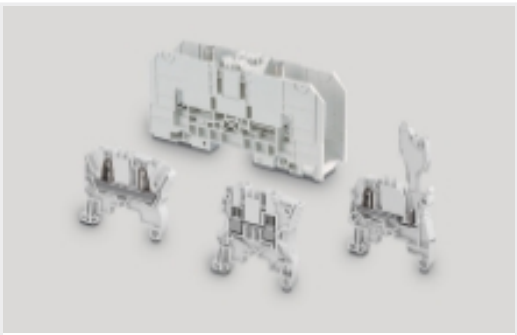


TE Part # 1SNK146031R0000
MC512PA C (x100) Horizontal



TE Part # 1SNK146252R0000
MC512PA Y (x100) Vertical

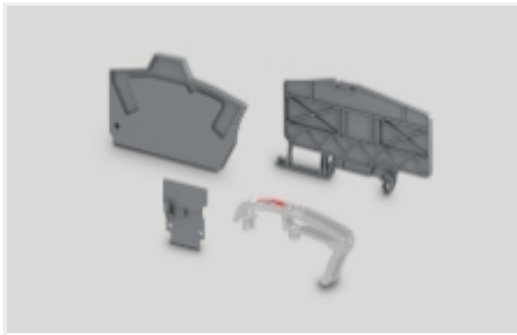
Also in the Series | **ENTRELEC SNK**



Modular Terminal Blocks(319)



Terminal Block & Strip Conducting Accessories(67)

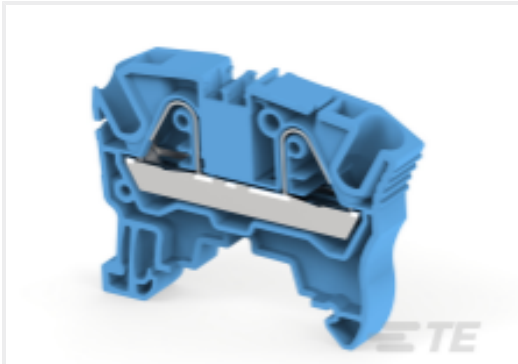


Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #1SNK705020R0000
ZK2.5-BL



TE Part #1SNK708020R0000
ZK6-BL



TE Part #1SNK905310R0000
JB5-10



TE Part #1SNK712150R0000
ZK16-PE



TE Part #1SNK705010R0000
ZK2.5



TE Part #1SNK708066R0000
ZK6-BK



TE Part #1SNK705250R0000
ZK2.5-D1-PE



TE Part #1SNK705150R0000
ZK2.5-PE



TE Part #1SNK712010R0000
ZK16



TE Part #42282-1
FF 250 REC 18-14AWG BR LP

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK708010R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK708010R0000_A.3d_igs.zip

1SNK708010R0000

PI-Spring Terminal Block, Feed-Through, Gray, 8 mm [.315 in] Spacing, 2 Position, Spring Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



English

Customer View Model

ENG_CVM_CVM_1SNK708010R0000_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

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

Agency Approvals

Bureau Veritas Marine and Offshore Certificate

English