



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: **6 mm [.236 in]**
Number of Positions: **3**

Features

Product Type Features

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

Gauge Type	2.9 mm Dia.
Number of Levels	1
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	3

Electrical Characteristics

Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Voltage Rating (CSA)	600 V
Current Rating (CSA)	30 A
Power Loss	1 W
Dielectric Withstanding Voltage (Max)	2200 V



Short-Time Withstanding Current Rating @ 1s	480 A
Voltage Rating (IEC)	1000 V
Current Rating (UL)	30 A
Current Rating (IEC)	32 A

Body Features

Product Weight	11 g
Primary Product Color	Gray

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 - 6 mm ²
Main Circuit Capacity - Twin Ferrule per Spring Clamp	.5 - 1 mm ²
Wire Stripping Length	12.5 mm
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	.5 - 4 mm ²
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	26 - 12 AWG
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 - 4 mm ²
Tool Size	3.5 mm[.138 in]
Product Depth	41.1 mm
Product Length	41.1 mm
Product Height	72.5 mm
Product Spacing	6 mm[.236 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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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>

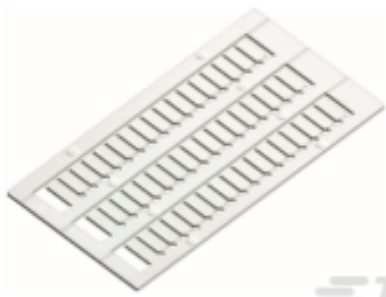
Compatible Parts



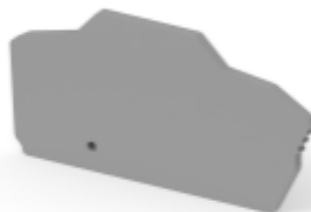
TE Part # 1SNK140000R0000
MC512



TE Part # 1SNK140004R0000
MC512-YL



TE Part # 1SNK150000R0000
MC612

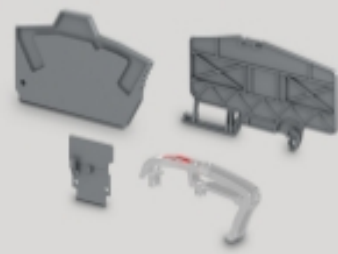


TE Part # 1SNK705911R0000
EK2.5-3P



 TE Part # 1SNK900001R0000 BAM4	 TE Part # 1SNK900002R0000 BAZ1	 TE Part # 1SNK900102R0000 BAZH1	 TE Part # 1SNK900105R0000 ES-TC6
 TE Part # 1SNK900107R0000 CS-R3	 TE Part # 1SNK900205R0000 TP4	 TE Part # 1SNK906302R0000 JB6-2	 TE Part # 1SNK906303R0000 JB6-3
 TE Part # 1SET111001R0000 WF003-08-GN	 TE Part # 1SET111002R0000 WF005-08-WH	 TE Part # 1SET111004R0000 WF007-12-BL	 TE Part # 1SET111006R0000 WF010-12-RD
 TE Part # 1SET111026R0000 WF003-08-TR	 TE Part # 1SET111028R0000 WF007-12-GR	 TE Part # 1SET111030R0000 WF025-12-BL	 TE Part # 1SET111033R0000 WF040-12-GR

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 Modular Terminal Blocks(320)	 Terminal Block & Strip Conducting Accessories(67)	 Terminal Block & Strip Insulating Accessories(31)
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Customers Also Bought



TE Part # 1-1614884-7
CPF 0805 10R 0.1% 25PPM 1K RL

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ZK4

TE Part # 1SNK712010R0000
ZK16

TE Part # 1SNK900002R0000
BAZ1

TE Part # 1SNK900624R0000
KCO

TE Part # 1SNK905302R0000
JB5-2

TE Part # 1SNK906302R0000
JB6-2

TE Part # 1SNK149999R0000
MC512PA

TE Part # 1SNK900604R0000
CO

TE Part # 1SNL505010R0000
C2.5/5

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK706011R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK706011R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK706011R0000_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

ENTRELEC Terminal Block - Master Catalog

English



[ZK4-3P](#)

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English

[ENTRELEC Terminal Blocks Catalogue \(RUS\)](#)

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