



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: **5.2 mm [.205 in]**

Number of Positions: **4**

Features

Product Type Features

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

Gauge Type	A2 / 2.3 mm Dia.
Number of Levels	1
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	4

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)	20 A
Power Loss	.8 W
Dielectric Withstanding Voltage (Max)	2200 V



Short-Time Withstanding Current Rating @ 1s	300 A
Voltage Rating (IEC)	1000 V
Current Rating (UL)	20 A
Current Rating (IEC)	24 A

Body Features

Product Weight	9 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	.2 – 4 mm²
Main Circuit Capacity - Twin Ferrule per Spring Clamp	.22 – .5 mm²
Wire Stripping Length	11 mm
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	.22 – 2.5 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	26 – 14 AWG
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.22 – 2.5 mm²
Tool Size	3.5 mm[.138 in]
Product Depth	40.2 mm
Product Length	40.2 mm
Product Height	80.2 mm
Product Spacing	5.2 mm[.205 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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>

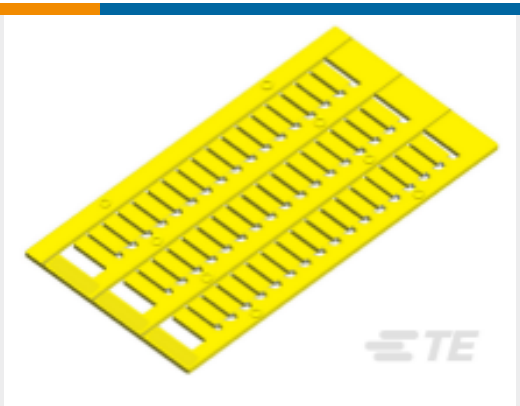
Compatible Parts



TE Part # 1SET111010R0000
WF025-08-GR



TE Part # 1SET111029R0000
WF025-08-BL



TE Part # 1SNK140004R0000
MC512-YL

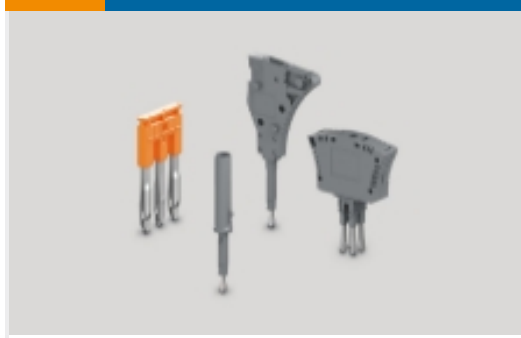


TE Part # 1SNK705912R0000
EK2.5-4P



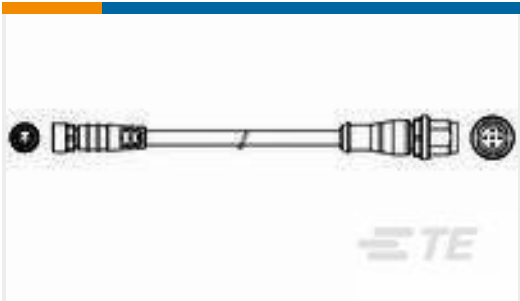
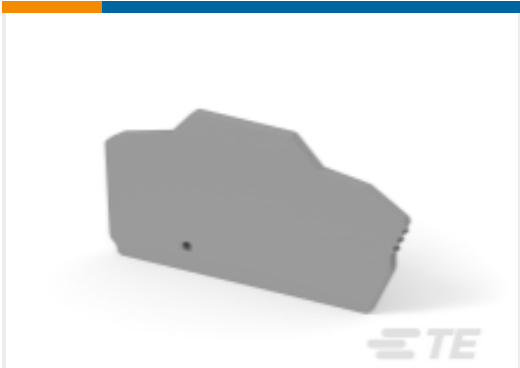
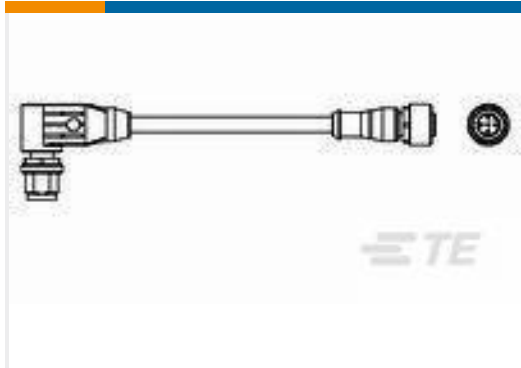
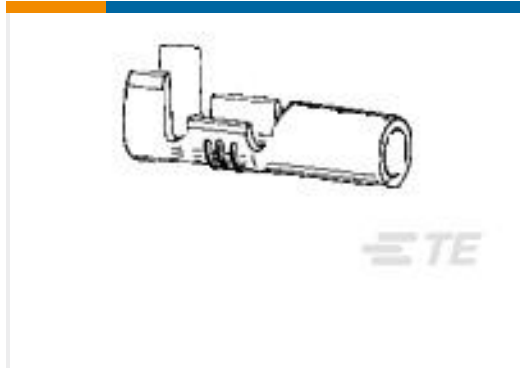
 TE Part # 1SNK900002R0000 BAZ1	 TE Part # 1SNK900102R0000 BAZH1	 TE Part # 1SNK900107R0000 CS-R3	 TE Part # 1SNK900603R0000 JB85-3
 TE Part # 1SNK900606R0000 LH-J	 TE Part # 1SNK905302R0000 JB5-2	 TE Part # 1SNK905303R0000 JB5-3	 TE Part # 1SET111001R0000 WF003-08-GN
 TE Part # 1SET111002R0000 WF005-08-WH	 TE Part # 1SET111003R0000 WF007-08-BL	 TE Part # 1SET111005R0000 WF010-08-RD	 TE Part # 1SET111007R0000 WF015-08-BK
 TE Part # 1SET111026R0000 WF003-08-TR	 TE Part # 1SET111027R0000 WF007-08-GR	 TE Part # 1SET112001R0000 WFD005-08-WH	 TE Part # 1SNA164800R0300 PR3.G2

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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 #2273110-3 M8 strgt socket to M12 strgt plug AA	 TE Part #1SNK705150R0000 ZK2.5-PE	 TE Part #1SNK705210R0000 ZK2.5-D2	 TE Part #1SNK705213R0000 ZK2.5-D-CH-UD
 TE Part #1SNK705911R0000 EK2.5-3P	 TE Part #2273121-3 M12 angled plug to M12 strgt socket AA	 TE Part #140712-2 PIN .155 DIA REC 18-14 AWG TPBR	 TE Part #1SNK708011R0000 ZK6-3P
 TE Part #1SNK905310R0000 JB5-10	 TE Part #1SNA008291R0000 FU520		

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK705012R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK705012R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK705012R0000_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



[ZK2.5-4P](#)

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[SNK SERIES TERMINAL BLOCKS](#)

English

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

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