



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through & Ground**
Modular Terminal Block Product Type: **PI-Spring Terminal Block**
Rated Cross Section: **2.5 mm²**
Primary Product Color: **Gray**

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	3
Number of Circuits	3
Block Function	Feed-Through & Ground
Number of Positions	6

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	20 A
Power Loss	1.6 W
Short-Time Withstanding Current Rating @ 1s	300 A
Voltage Rating (IEC)	500 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	300 V
Voltage Rating (CSA)	300 V
Dielectric Test Voltage	2000 V
Current Rating (UL)	20 A
Current Rating (IEC)	22 A



Body Features

Product Weight	21.38 g[.842 oz]
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
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.22 – 2.5 mm²
Wire Stripping Length	11 mm[.433 in]
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
Tool Size	3.5 mm[.138 in]
Product Depth	73.34 mm
Product Length	73.34 mm
Product Height	101.9 mm
Rated Cross Section	2.5 mm²
Product Spacing	5.2 mm[.205 in]

Usage Conditions

Storage Temperature Range	-55 – 110 °C[-67 – 230 °F]
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
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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: JUN 2020 (209) Candidate List Declared Against: JUN 2020 (209) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
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 Model / Part # 1SNK900201R0000 TC5-R1	 TE Model / Part # 1SNK900200R0000 TC5	 TE Model / Part # 1SNK140004R0000 MC512-YL	 TE Model / Part # 1SNK705961R0000 EK2.5-T3
 TE Model / Part # 1SNK900205R0000 TP4	 TE Model / Part # 1SNK900611R0000 UMH	 TE Model / Part # 1SNK900102R0000 BAZH1	 TE Model / Part # 1SNK905305R0000 JB5-5



TE Model / Part # 1SNK149999R0000
[MC512PA](#)



TE Model / Part # 1SNK140000R0000
[MC512](#)



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



TE Model / Part # 1SNK900606R0000
[LH-J](#)



TE Model / Part # 1SNK905302R0000
[JB5-2](#)



TE Model / Part # 1SNK900609R0000
[PROCAP5](#)



TE Model / Part # 1SNK900659R0000
[TO3.5-50-A](#)



TE Model / Part # 1SNK905350R0000
[JB5-50](#)



TE Model / Part # 1SNK900203R0000
[TP2](#)



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



TE Model / Part # 1SNK905304R0000
[JB5-4](#)



TE Model / Part # 1SNA164800R0300
[PR3.G2](#)

Customers Also Bought



TE Model / Part #1-2186502-1
[T3224-PRINTER](#)



TE Model / Part #1SNK705961R0000
[EK2.5-T3](#)



TE Model / Part #1SNK705960R0000
[EK2.5-D2](#)



TE Model / Part #1SNK710911R0000
[EK10-3P](#)



TE Model / Part #1SNK900606R0000
[LH-J](#)



TE Model / Part #1SNK705151R0000
[ZK2.5-PE-3P](#)



TE Model / Part #1SNK705510R0000
[ZK2.5-T3](#)



TE Model / Part #1SNK705550R0000
[ZK2.5-T1-PE](#)



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK705512R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK705512R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK705512R0000_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

English

ZK2.5-L-L-PE

English

SNK SERIES TERMINAL BLOCKS

English

Agency Approvals

CE Declaration of Conformity

English