



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

Modular Terminal Block Product Type: **Screw Clamp Terminal Block**

Rated Cross Section: **4 mm²**

Primary Product Color: **Gray**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Gauge Type	A4
Number of Levels	2
Number of Poles	4
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Voltage Rating (CSA)	600 V
Current Rating (CSA)	25 A
Short-Time Withstanding Current Rating @ 1s	480 A
Voltage Rating (IEC)	800 V
Current Rating (IEC)	32 A



Voltage Rating	800 VAC
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Body Features

Product Weight	20 g[.705 oz]
Primary Product Color	Gray

Termination Features

Termination Method to Wire & Cable	Screw Terminal
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Mechanical Attachment

DIN Rail Mounting Type	G32, TH35-15, TH35-7.5
Tightening Torque	4.4 in-lbs
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide 6.6
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Dimensions

Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	.2 – 4 mm²
Wire Stripping Length	8.5 mm[.335 in]
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.22 – 4 mm²
Tool Size	4 mm[.157 in]
Product Depth	52 mm
Product Width	6 mm[.235 in]
Product Length	52 mm
Product Height	65.5 mm
Rated Cross Section	4 mm²
Product Spacing	6 mm[.235 in]
Wire Size	4 mm²

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]

Operation/Application

Circuit Application	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 with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Pb (2.5% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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 # 1SNA113482R0500 SCM6D	 TE Part # 1SNA163311R2200 PC61-10	 TE Part # 1SNA233000R0100 RC610	 TE Part # 1SNA007865R2600 FC2
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TE Part # 1SNA114205R2000 AD2.5	TE Part # 1SNA116900R2700 BADH	TE Part # 1SNA118495R1700 SCF6D	TE Part # 1SNA118499R2300 FEM6D
TE Part # 1SNA163070R0000 AL2	TE Part # 1SNA163261R0000 AL3	TE Part # 1SNA173530R2400 CBM5D	TE Part # 1SNA173627R2100 EL6
TE Part # 1SNA179668R2000 BJMI6D-2	TE Part # 1SNA179669R2100 BJMI6D-3	TE Part # 1SNA179670R2600 BJMI6D-4	TE Part # 1SNA179671R1300 BJMI6D-5
TE Part # 1SNA179672R1400 BJMI6D-10	TE Part # 1SNA163218R0500 DCG	TE Part # 1SNA167225R2000 BJP61	TE Part # 1SNA168400R1600 EV6D

Also in the Series | ENTRELEC SNA

Modular Terminal Blocks(182)	Terminal Block & Strip Conducting Accessories(26)	Terminal Block & Strip Insulating Accessories(14)

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNA115166R1100_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNA115166R1100_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNA115166R1100_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

Catalogue - ENTRELEC terminal-blocks-sna-series

English

M4/6.D1

English

ENTRELEC Terminal Blocks Catalogue (RUS)