



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Disconnect**
Modular Terminal Block Product Type: **Screw Clamp Terminal Block**
Primary Product Color: **Gray**
Product Spacing: **8 mm [.31 in]**
Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
-------------------------------------	----------------------------

Configuration Features

Number of Levels	1
Gauge Type	A5
Number of Poles	2
Number of Circuits	1
Block Function	Disconnect
Number of Positions	2

Electrical Characteristics

Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	300 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	40 A
Current Rating (UL)	37 A
Current Rating (CSA)	37 A



Dielectric Withstanding Voltage (Max)	2000 V
Voltage Rating (IEC)	630 V
Voltage Rating (CSA)	300 V
Short-Time Withstanding Current Rating @ 1s	720 A
Operating Voltage	630 VAC

Body Features

Product Weight	7.49 g[.264 oz]
Primary Product Color	Gray

Termination Features

Termination Method to Wire & Cable	Screw Terminal
------------------------------------	----------------

Mechanical Attachment

DIN Rail Mounting Type	TH35-15, TH35-7.5
Terminal Block Disconnect Type	Sliding Link
Tightening Torque	8 in-lbs
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide 6.6
------------------	---------------

Dimensions

Product Depth	42.2 mm[1.659 in]
Tool Size	4 – 5 mm[.16 – .2 in]
Wire Stripping Length	12 mm[.47 in]
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	20 – 8 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 6 mm ²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.5 – 6 mm ²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	.5 – 6 mm ²
Product Width	8 mm[.314 in]
Product Length	42.2 mm[1.659 in]
Product Height	72 mm[2.831 in]
Product Spacing	8 mm[.31 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	Signal
---------------------	--------

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	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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts

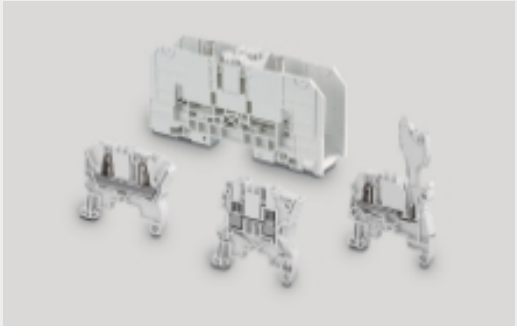
1SNL608310R0000

Screw Clamp Terminal Block, Disconnect, Gray, 8 mm [.31 in] Spacing, 2 Position, Screw Terminal, Signal, DIN Rail, 630 VAC, 8 AWG, ENTRELEC SNACOMPACT



TE Part # 1SNA116538R1700
[PC8-2](#)

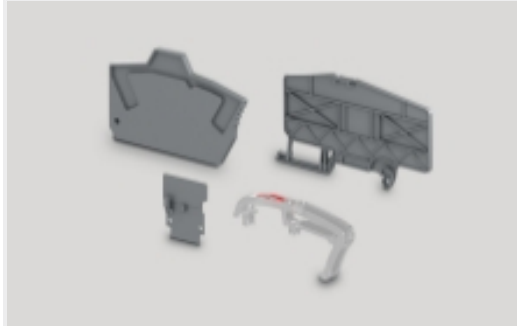
Also in the Series | **ENTRELEC SNACOMPACT**



[Modular Terminal Blocks\(23\)](#)

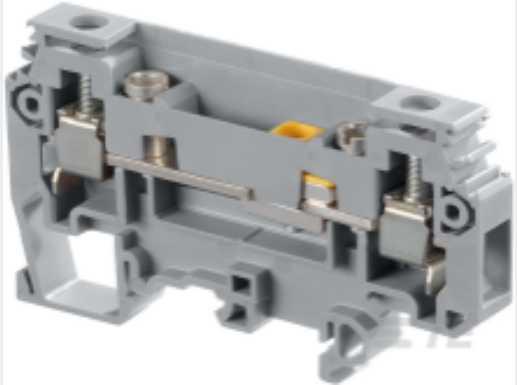


[Terminal Block & Strip Conducting Accessories\(16\)](#)



[Terminal Block & Strip Insulating Accessories\(1\)](#)

Customers Also Bought



TE Part #1SNA115237R1000
[M6/8.ST1](#)



TE Part #1SNA176663R0000
[BJMI6-2](#)



TE Part #1SNA113546R1400
[PC6-2](#)



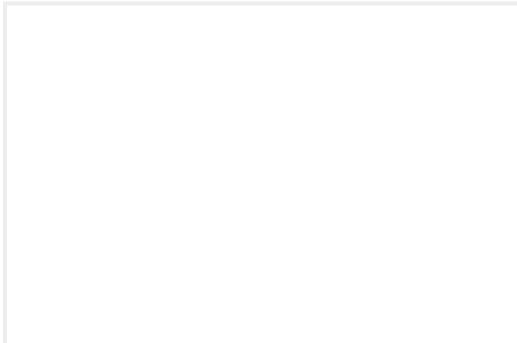
TE Part #1SNA168401R0300
[EV8S](#)



TE Part #1SNL308010R0000
[DBL80](#)



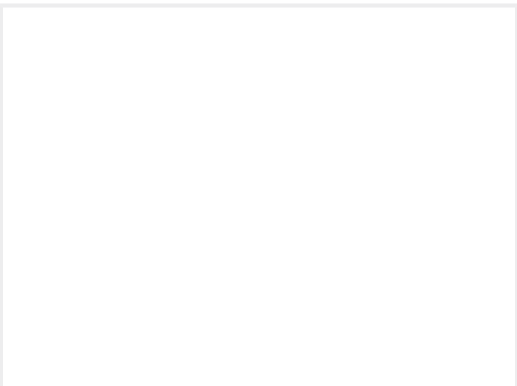
TE Part #1SNK710010R0000
[ZK10](#)



TE Part #1SNA118707R0300
[SCF6](#)



TE Part #1SNA165114R1700
[M6/8.P](#)



TE Part #1SNA176664R0100
[BJMI6-3](#)



TE Part #1SNA115271R2200
[M4/6.D2](#)



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNL608310R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNL608310R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNL608310R0000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

C6/8.ST1

English

SNACOMPACT TERMINAL BLOCKS SCREW CLAMP TECHNOLOGY

English