

1SNA105051R2000

✓ ACTIVE

ENTRELEC | ENTRELEC SNA

TE Internal #: 1SNA105051R2000

Screw Clamp Terminal Block, Feed-Through, White, 6 mm [.235 in]
Spacing, 2 Position, Screw Terminal, Signal, DIN Rail, 1000 VAC, 10
AWG, ENTRELEC SNA

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**
Modular Terminal Block Product Type: **Screw Clamp Terminal Block**
Primary Product Color: **White**
Product Spacing: **6 mm [.235 in]**
Number of Positions: **2**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	32 A
Current Rating (UL)	30 A
Current Rating (CSA)	30 A



Dielectric Withstanding Voltage (Max)	2000 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	480 A
Operating Voltage	1000 VAC

Body Features

Product Weight	8.2 g[.289 oz]
Primary Product Color	White

Termination Features

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

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
------------------	---------------

Dimensions

Product Depth	40.5 mm[1.594 in]
Tool Size	4 mm[.157 in]
Wire Stripping Length	9.5 mm[.374 in]
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	.2 – 4 mm²
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.22 – 4 mm²
Product Width	6 mm[.235 in]
Product Length	40.5 mm[1.594 in]
Product Height	44.5 mm[1.752 in]
Product Spacing	6 mm[.235 in]
Wire Size	10 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>

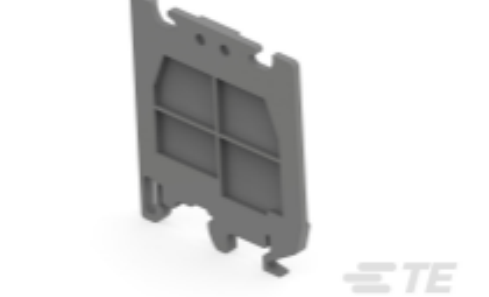
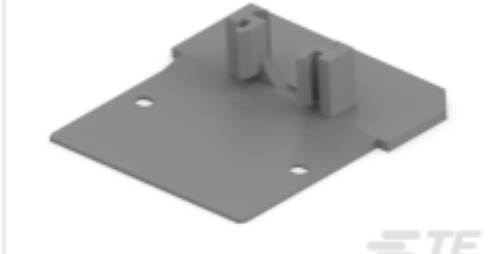
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

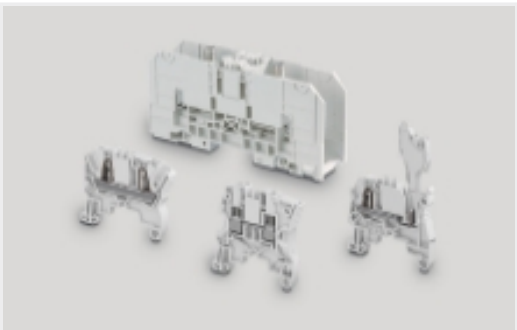
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1SNA103619R0400 SCFEX1	TE Part # 1SNA107038R2500 EPU6	TE Part # 1SNA176666R0300 BJMI6-5	TE Part # 1SNA103620R0100 SCFEX3
 TE Part # 1SNA103776R0100 RC65-RD	 TE Part # 1SNA113548R2600 PC6-10	 TE Part # 1SNA163043R2100 AL2	TE Part # 1SNA179623R0300 BJDP1
 TE Part # 1SNA236000R0400 RCT610	TE Part # 1SNA176667R0400 BJMI6-10	 TE Part # 1SNA113546R1400 PC6-2	 TE Part # 1SNA114825R0500 SCFM6
TE Part # 1SNA114202R2500 SCF61	TE Part # 1SNA167860R0100 FC4	TE Part # 1SNA114776R2300 FEM61	TE Part # 1SNA176663R0000 BJMI6-2
TE Part # 1SNA206394R0200 EV6I	 TE Part # 1SNA113003R1000 SCM6	 TE Part # 1SNA233000R0100 RC610	TE Part # 1SNA173627R2100 EL6

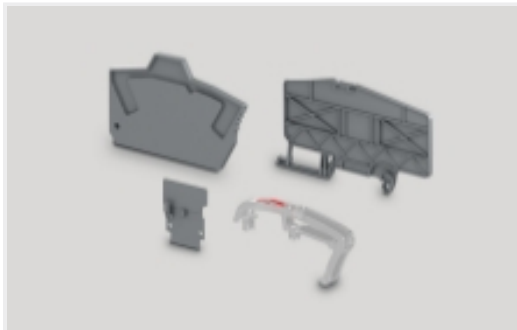
Also in the Series | [ENTRELEC SNA](#)



Modular Terminal Blocks(179)



Terminal Block & Strip Conducting Accessories(21)



Terminal Block & Strip Insulating Accessories(14)

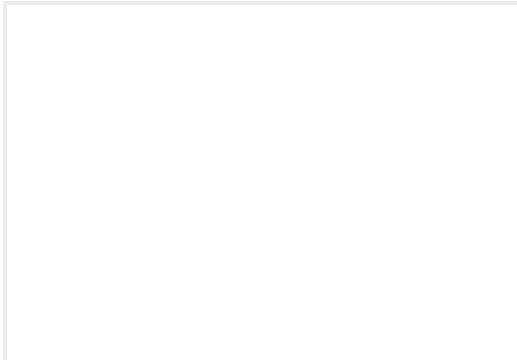
Customers Also Bought



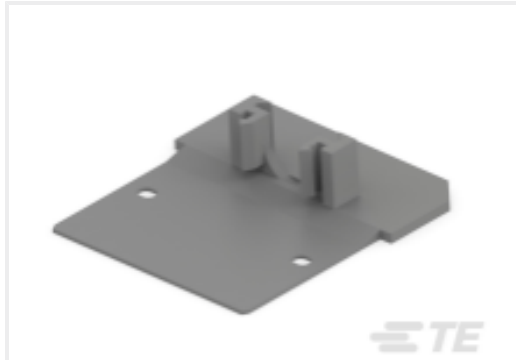
TE Part #1SNK900001R0000
BAM4



TE Part #1SNA105001R2700
M4/6



TE Part #1SNA176663R0000
BJMI6-2



TE Part #1SNA113003R1000
SCM6



TE Part #1SNA105031R1400
M4/6



TE Part #1SNA105032R1500
M4/6



TE Part #1SNA165113R1600
M4/6.P



TE Part #1-350777-2
02P UMNL V0 PLUG HSG RED



TE Part #1-350778-2
02P UMNL V0 CAP HSG RED



TE Part #1-1437624-0
PKA50B1/4=KNOB PLASTIC 1/4" SH

Documents

Product Drawings

M4/6

English

CAD Files

Customer View Model

ENG_CVM_CVM_1SNA105051R2000_A2.3d_stp.zip

English

Customer View Model

1SNA105051R2000

Screw Clamp Terminal Block, Feed-Through, White, 6 mm [.235 in] Spacing, 2 Position, Screw Terminal, Signal, DIN Rail, 1000 VAC, 10 AWG, ENTRELEC SNA



[ENG_CVM_CVM_1SNA105051R2000_A2.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNA105051R2000_A2.3d_igs.zip](#)

English

3D PDF

3D

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

English

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

Agency Approvals

[UL](#)

English