

1SNA105052R2100

✓ ACTIVE

ENTRELEC | ENTRELEC SNA

TE Internal #: 1SNA105052R2100

Screw Clamp Terminal Block, Feed-Through, White, 5 mm [.196 in]
Spacing, 2 Position, Screw Terminal, Signal, DIN Rail, 1000 VAC, 12
AWG, ENTRELEC SNA

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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: **5 mm [.196 in]**
Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Number of Levels	1
Gauge Type	A3
Number of Poles	2
Number of Circuits	1
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)	24 A
Current Rating (UL)	30 A
Current Rating (CSA)	25 A



Dielectric Withstanding Voltage (Max)	2000 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	300 A
Operating Voltage	1000 VAC

Body Features

Product Weight	6.6 g[.233 oz]
Primary Product Color	White

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	3.5 in-lbs
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide 6.6
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Dimensions

Product Depth	40.5 mm
Tool Size	3.5 mm[.138 in]
Wire Stripping Length	10 mm[.393 in]
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	.2 – 4 mm²
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.22 – 2.5 mm²
Product Width	5 mm[.196 in]
Product Length	40.5 mm
Product Height	44.5 mm
Product Spacing	5 mm[.196 in]
Wire Size	12 AWG

Usage Conditions

Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]

Operation/Application

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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
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





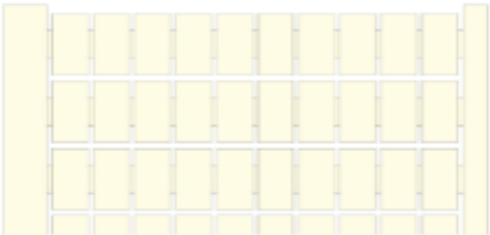
TE Part # 1SNA205021R2600
BJA5-10

TE Part # 1SNA173627R2100
EL6

TE Part # 1SNA176816R1200
CPV1-2



TE Part # 1SNA116795R1100
SCFCV1-2



TE Part # 1SNA231000R0700
RC510

TE Part # 1SNA107033R1000
EPU5

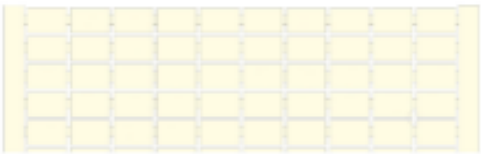
TE Part # 1SNA118707R0300
SCF6

TE Part # 1SNA163046R2400
AL2

TE Part # 1SNA399903R0200
BADL



TE Part # 1SNA118368R1600
FEM6



TE Part # 1SNA230000R1200
RC55



TE Part # 1SNA114825R0500
SCFM6

TE Part # 1SNA114202R2500
SCF61

TE Part # 1SNA176280R0500
BJMI5-4



TE Part # 1SNA177652R0600
BJS5-20

TE Part # 1SNA114776R2300
FEM61

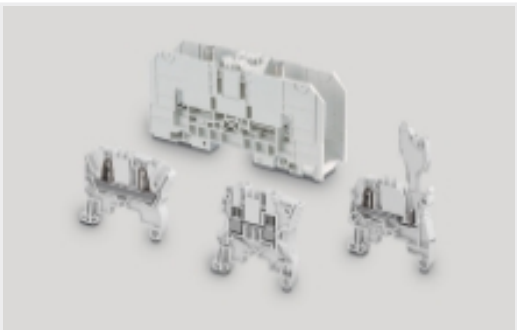
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SCFEX1

TE Part # 1SNA105028R2100
DCB

TE Part # 1SNA103620R0100
SCFEX3

TE Part # 1SNA176282R2300
BJMI5-10

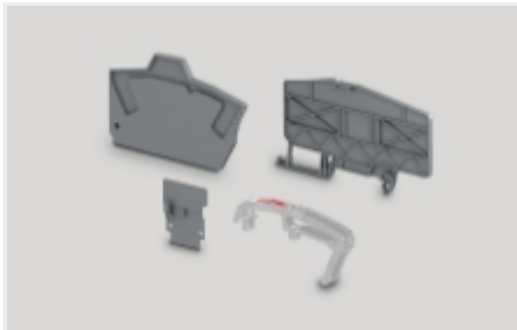
Also in the Series | [ENTRELEC SNA](#)



Modular Terminal Blocks(179)



Terminal Block & Strip Conducting Accessories(21)



Terminal Block & Strip Insulating Accessories(14)

Customers Also Bought



TE Part #1SNA105077R2200
MA2.5/5



TE Part #C21881-000
B-155-9004



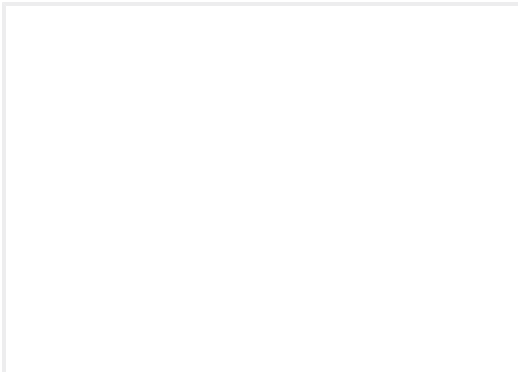
TE Part #1SNA125486R0500
MA2.5/5.N



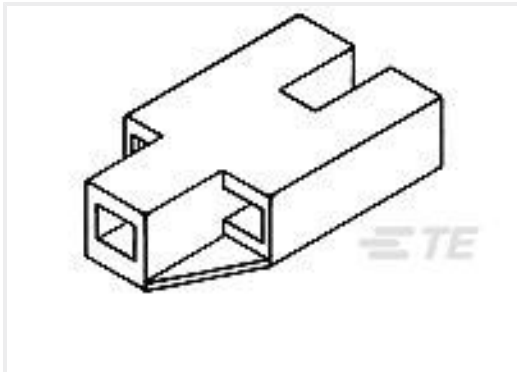
TE Part #FG8243
OMNI,FG,824-896MHZ 860MHz,3dBd



TE Part #1SNA165488R2700
MA2.5/5.P



TE Part #1SNA176282R2300
BJMI5-10



TE Part #360050-1
090 DIA CLSTR BLK



TE Part #1217264-1
RCPT 090 CLSTR PIN 22-14



TE Part #1SNA176277R0500
BJM5



TE Part #1SNA116541R1200
BJA6-10

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNA105052R2100_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNA105052R2100_A.3d_igs.zip

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English

Customer View Model

ENG_CVM_CVM_1SNA105052R2100_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

MA2.5/5

English

ENTRELEC Terminal Blocks Catalogue (RUS)