1SNA105116R1600 ✔ ACTIVE

TE Internal #: 1SNA105116R1600

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, 10AWG Rated Cross Section, 4mm² Rated Cross Section, Yellow

View on TE.com >

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: **Yellow**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block

Configuration Features

Gauge Type	A4
Number of Levels	1
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
Voltage Rating (CSA)	600 V
Current Rating (CSA)	30 A
Dielectric Test Voltage	2000 V
Short-Time Withstanding Current Rating @ 1s	480 A
Voltage Rating (IEC)	1000 V
Current Rating (UL)	30 A
Current Rating (IEC)	32 A
Voltage Rating	1000 VAC

Body Features

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

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

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

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

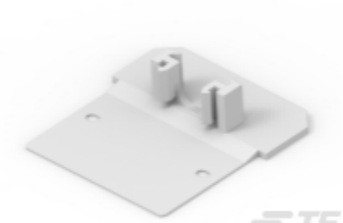
Product Compliance Disclaimer

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 Part # 1SNA103775R0000
RC65-BL

TE Part # 1SNA103776R0100
RC65-RD



TE Part # 1SNA113003R1000
SCM6



TE Part # 1SNA113546R1400
PC6-2



TE Part # 1SNA113548R2600
PC6-10



TE Part # 1SNA114825R0500
SCFM6



TE Part # 1SNA233000R0100
RC610

TE Part # 1SNA007865R2600
FC2

TE Part # 1SNA113550R2400
EIP

TE Part # 1SNA114205R2000
AD2.5

TE Part # 1SNA116795R1100
SCFCV1-2

TE Part # 1SNA118368R1600
FEM6

TE Part # 1SNA118707R0300
SCF6



TE Part # 1SNA163043R2100
AL2



TE Part # 1SNA163261R0000
AL3

TE Part # 1SNA167860R0100
FC4

TE Part # 1SNA173627R2100
EL6



TE Part # 1SNA174781R2500
BJDP4

TE Part # 1SNA176663R0000
BJMI6-2

TE Part # 1SNA176664R0100
BJMI6-3

Customers Also Bought



TE Part #1-1879455-9
Wirewound Resistor: Mineral, 2.5 Kw



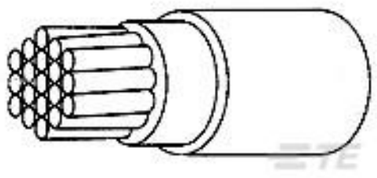
TE Part #1-794617-2
12POS,MICRO MNL,RCPT HSG



TE Part #1-1623730-5
Wirewound Resistor: Vertical Mount



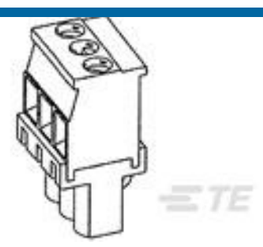
TE Part #1-643077-6
Nylon PCB Connector Covers: 2.54 mm, MTA 100



TE Part #1373413001
100G0111-0.75-6



TE Part #F419993001
FLHTC0311-1.50-0



TE Part #1-1986375-6
Str Plug, 3.81mm, Green, LH, 16 posn



TE Part #1SNA105001R2700
M4/6



TE Part #1-1478996-5
Cable Boot Red RG174, 179, 187

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1SNA105116R1600_A1.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1SNA105116R1600_A1.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1SNA105116R1600_A1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

M4/6

English

ENTRELEC Terminal Blocks Catalogue (RUS)