



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: **Blue**

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     | 4            |
| 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)                                     | 25 A   |
| Dielectric Test Voltage                                  | 2500 V |
| Short-Time Withstanding Current Rating @ 1s              | 480 A  |



|                      |         |
|----------------------|---------|
| Voltage Rating (IEC) | 800 V   |
| Current Rating (UL)  | 20 A    |
| Current Rating (IEC) | 32 A    |
| Voltage Rating       | 800 VAC |

Body Features

|                       |               |
|-----------------------|---------------|
| Product Weight        | 20 g[.705 oz] |
| Primary Product Color | Blue          |

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 mm <sup>2</sup>  |
| Wire Stripping Length  | 9.5 mm[.374 in]         |
| Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp      | .22 – 4 mm <sup>2</sup> |
| Tool Size  | 4 mm[.157 in]           |
| Product Depth  | 44.5 mm                 |
| Product Width  | 6 mm[.235 in]           |
| Product Length   | 44.5 mm                 |
| Product Height   | 44.5 mm                 |
| Rated Cross Section  | 4 mm <sup>2</sup>       |
| Product Spacing  | 6 mm[.235 in]           |
| Wire Size  | 4 mm <sup>2</sup>       |

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

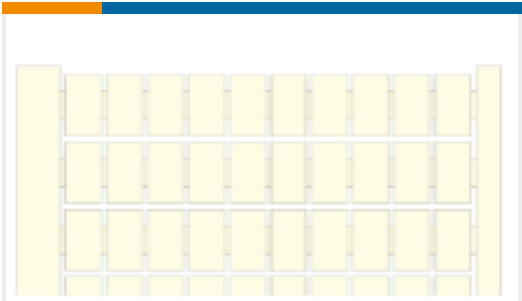
For compliance documentation, visit the product page on [TE.com](#)>

|   |   |
|---|---|
| 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<br>Does not contain REACH SVHC |
| 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  |

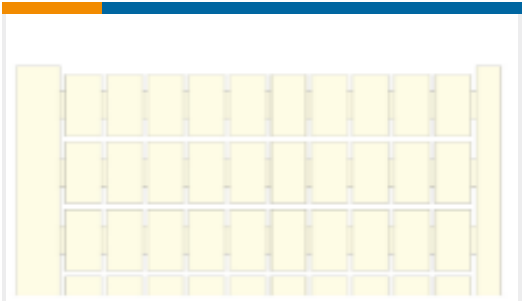
Product Compliance Disclaimer

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 # 1SNA103775R0000  
RC65-BL



TE Part # 1SNA103776R0100  
RC65-RD



TE Part # 1SNA113003R1000  
SCM6



TE Part # 1SNA113546R1400  
PC6-2



TE Part # 1SNA113548R2600  
PC6-10



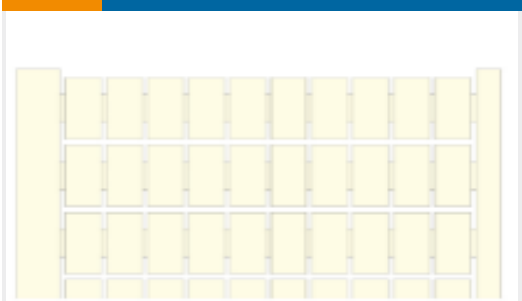
TE Part # 1SNA116536R0500  
PC6-3



TE Part # 1SNA116537R0600  
PC6-4



TE Part # 1SNA173059R0300  
DCJ



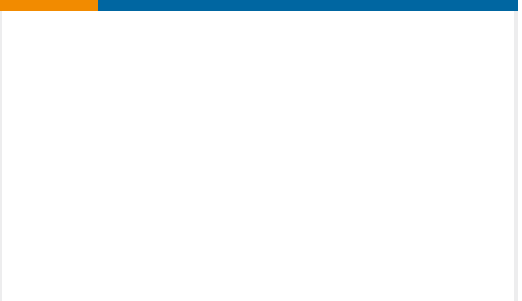
TE Part # 1SNA232000R0000  
RC65



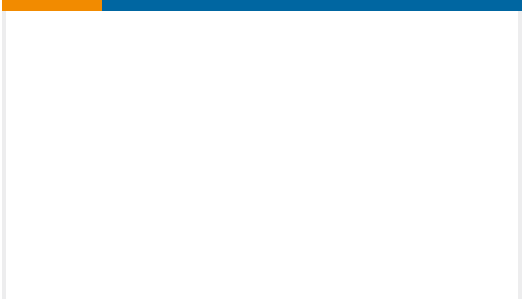
TE Part # 1SNA233000R0100  
RC610



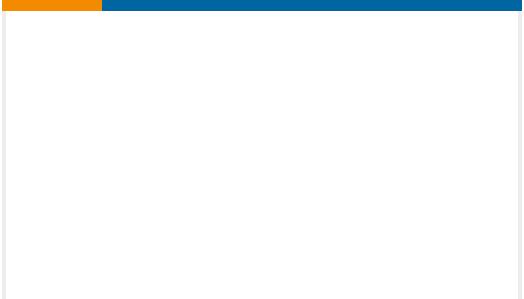
TE Part # 1SNA007865R2600  
FC2



TE Part # 1SNA113550R2400  
EIP



TE Part # 1SNA114205R2000  
AD2.5




TE Part # 1SNA116629R2200  
FEM4A



TE Part # 1SNA163043R2100  
AL2




TE Part # 1SNA163261R0000  
AL3




TE Part # 1SNA173627R2100  
EL6



TE Part # 1SNA174781R2500  
BJDP4

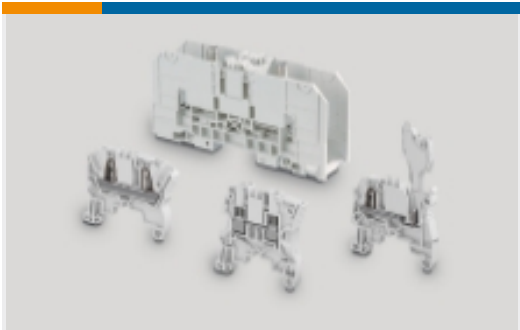


TE Part # 1SNA176663R0000  
BJMI6-2



TE Part # 1SNA176664R0100  
BJMI6-3

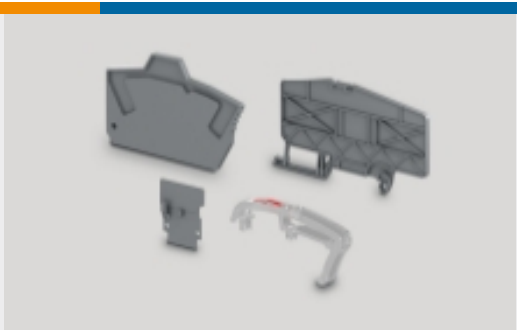
Also in the Series | **ENTRELEC SNA**



Modular Terminal Blocks(182)

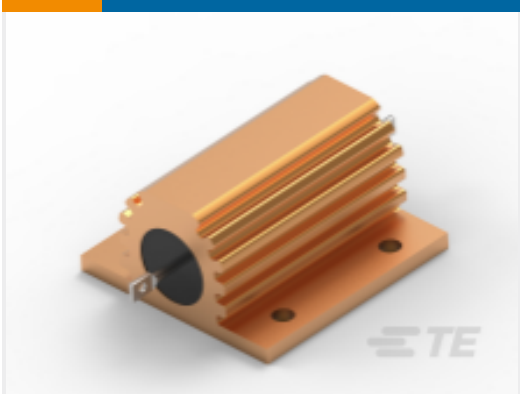


Terminal Block & Strip Conducting Accessories(26)



Terminal Block & Strip Insulating Accessories(14)

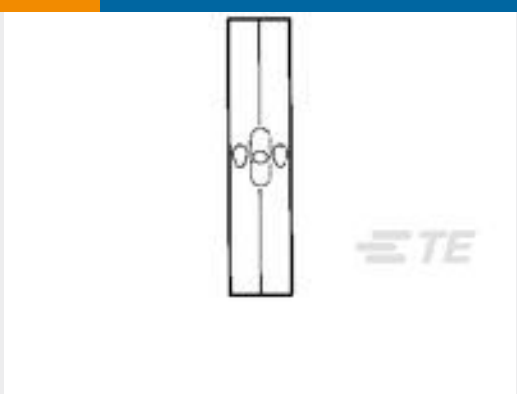
Customers Also Bought



TE Part #5-1625984-9  
Power Resistors: Aluminum Housed, HSA



TE Part #T4111012051-000  
M12 M, 5P GOLD A\_CODE S SHIELDED PG9



TE Part #321280  
SPlice,SOLIS BUTT 14-12



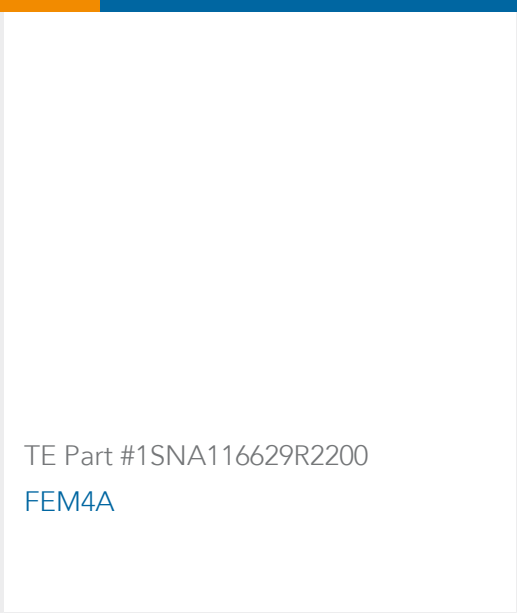
TE Part #1658623-9  
40 NOVO MIL 30DP, LEAD FREE



TE Part #4-1879351-3  
RR01 5% 160K AMMO



TE Part #CQ50543001  
RAY-103-3.0(10)



TE Part #1SNA116629R2200  
FEM4A

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1SNA125479R2500\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNA125479R2500\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNA125479R2500\_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

1SNA125479R2500

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Blue, Product  
Spacing .235 in [6 mm], 2 Position, Screw Terminal, ENTRELEC SNA



[M4/6.4A.N](#)

[English](#)

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