



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Ground**

Modular Terminal Block Product Type: **Screw Clamp Terminal Block**

Rated Cross Section: **2.5 mm<sup>2</sup>**

Primary Product Color: **Green & Yellow**

Features

Product Type Features

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

Configuration Features

|                     |        |
|---------------------|--------|
| Gauge Type          | A3     |
| Number of Levels    | 1      |
| Number of Poles     | 2      |
| Number of Circuits  | 1      |
| Block Function      | Ground |
| Number of Positions | 6      |

Electrical Characteristics

|                                             |        |
|---------------------------------------------|--------|
| Dielectric Test Voltage                     | 3500 V |
| Short-Time Withstanding Current Rating @ 1s | 300 A  |

Body Features

|                       |                |
|-----------------------|----------------|
| Product Weight        | 10 g[.353 oz]  |
| Primary Product Color | Green & Yellow |



Termination Features

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

Mechanical Attachment

|                         |                   |
|-------------------------|-------------------|
| DIN Rail Mounting Type  | TH35-15, TH35-7.5 |
| Tightening Torque       | 3.5 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                                              | 10 mm[.393 in]  |
| Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp      | .22 – 2.5 mm²   |
| Tool Size                                                          | 3.5 mm[.138 in] |
| Product Depth                                                      | 40.5 mm         |
| Product Width                                                      | 5 mm[.196 in]   |
| Product Length                                                     | 40.5 mm         |
| Product Height                                                     | 50.7 mm         |
| Rated Cross Section                                                | 2.5 mm²         |
| Product Spacing                                                    | 5 mm[.196 in]   |
| Wire Size                                                          | 2.5 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

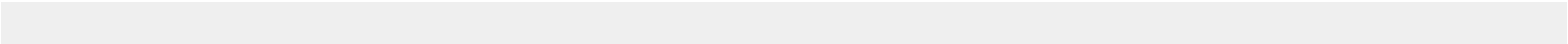
|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

|                        |          |
|------------------------|----------|
| UL Flammability Rating | UL 94V-0 |
|------------------------|----------|

Product Compliance

For compliance documentation, visit the product page on TE.com>



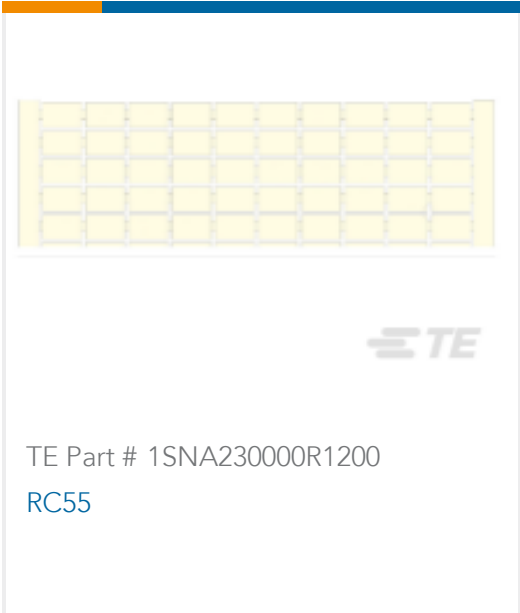


|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                      |

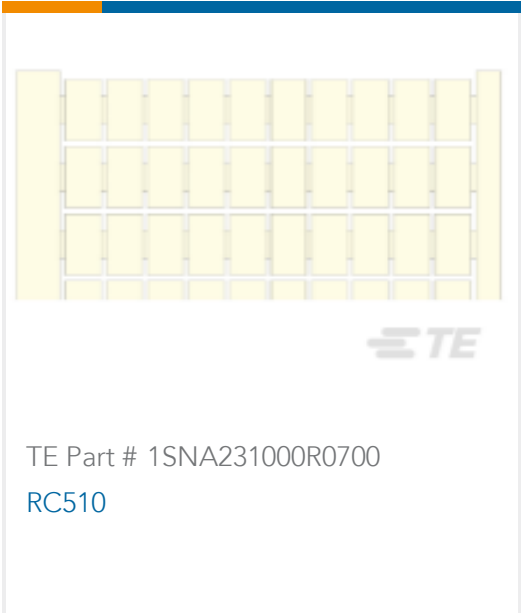
Product Compliance Disclaimer

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>

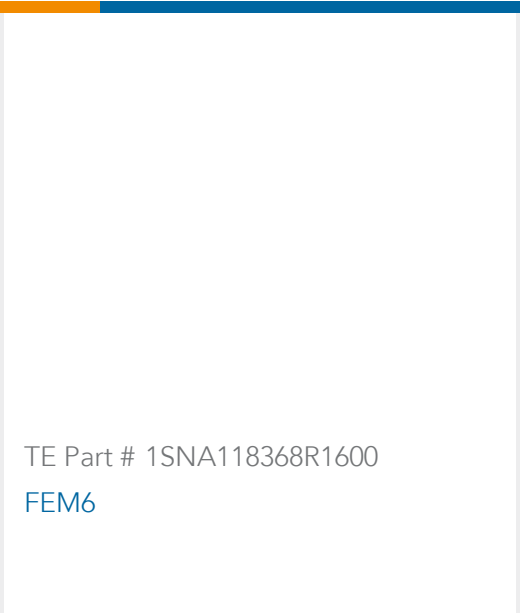
Compatible Parts



TE Part # 1SNA230000R1200  
RC55



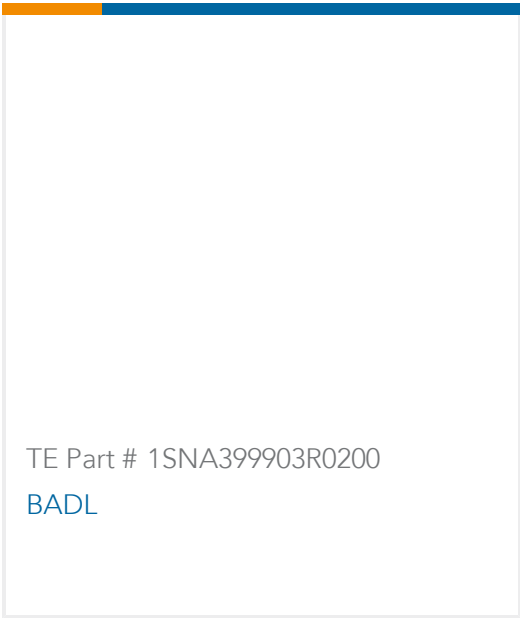
TE Part # 1SNA231000R0700  
RC510



TE Part # 1SNA118368R1600  
FEM6



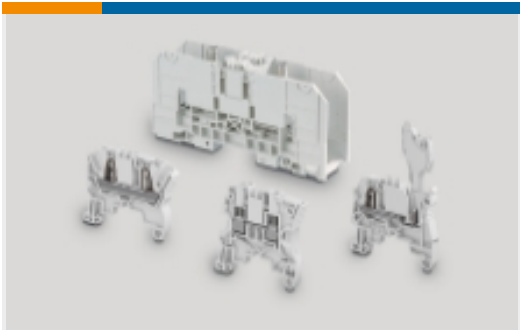
TE Part # 1SNA118707R0300  
SCF6



TE Part # 1SNA399903R0200  
BADL

Also in the Series | ENTRELEC SNA

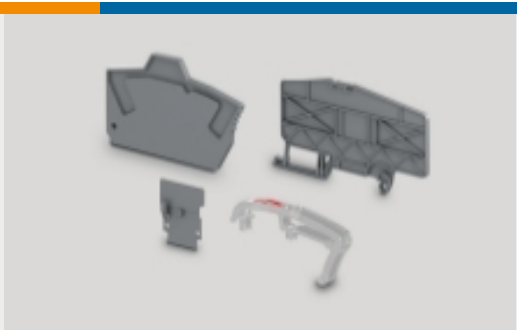




Modular Terminal Blocks(182)



Terminal Block & Strip Conducting Accessories(26)



Terminal Block & Strip Insulating Accessories(14)

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1SNA165909R0500\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNA165909R0500\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1SNA165909R0500\_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

D2.5/5.P

English

ENTRELEC Terminal Blocks Catalogue (RUS)