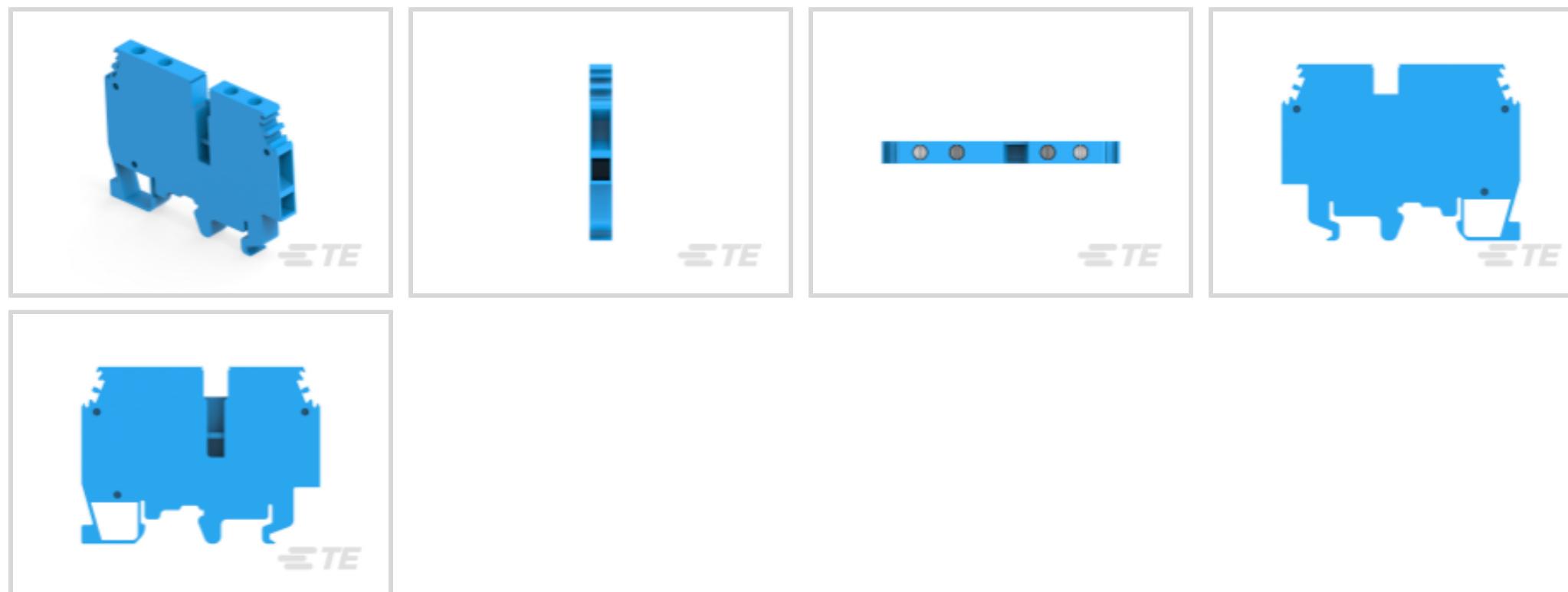


Connectors &gt; Terminal Blocks &amp; Strips &gt; Modular Terminal Blocks

Block Function: **Feed-Through**Modular Terminal Block Product Type: **Screw Clamp Terminal Block**Rated Cross Section: **4 mm<sup>2</sup>**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
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#### 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
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#### 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](http://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)Candidate List Declared Against: JUNE  
2022 (224)

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

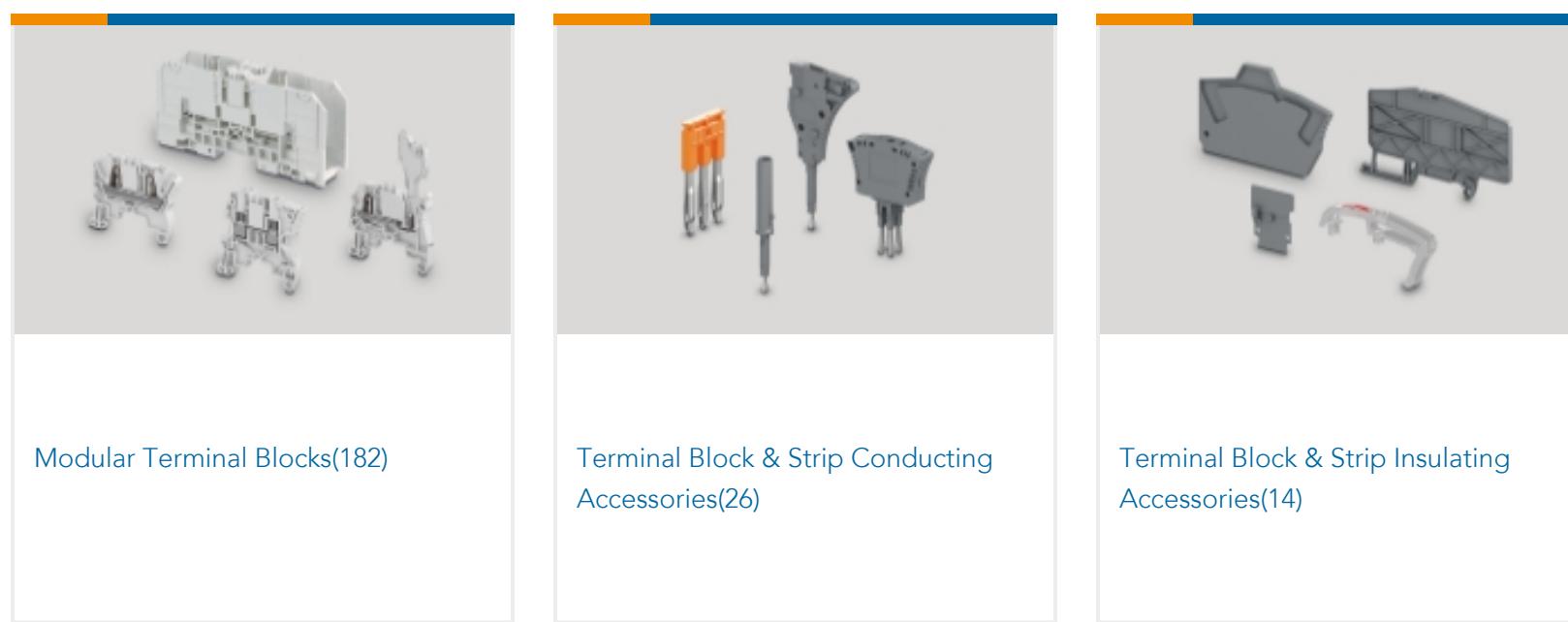
### Product Compliance Disclaimer

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>

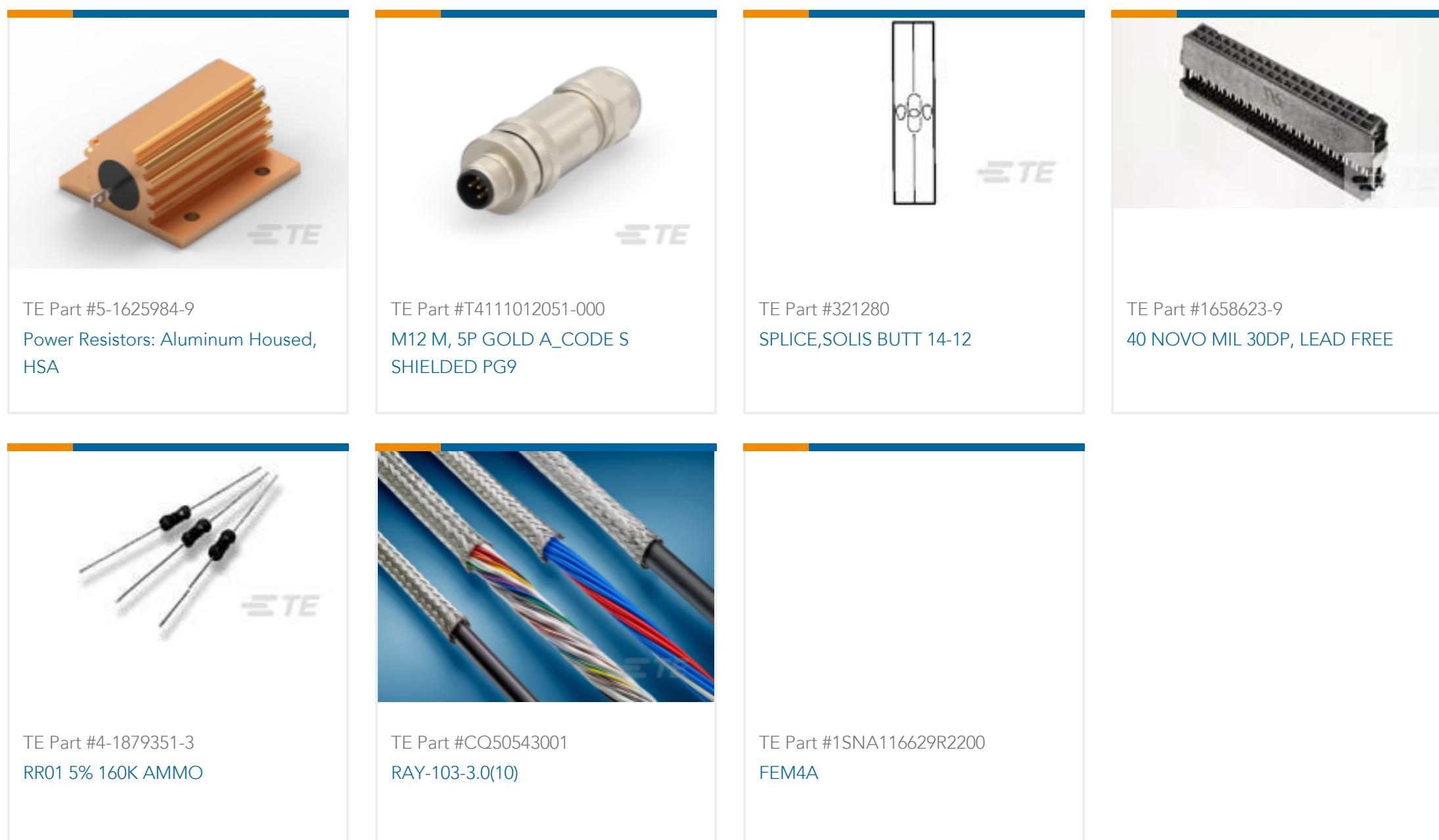
## Compatible Parts



Also in the Series | **ENTRELEC SNA**



## Customers Also Bought



## 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 \(RUS\)](#)