

# 1SNA115120R1700 ✓ ACTIVE

ENTRELEC | ENTRELEC SNA

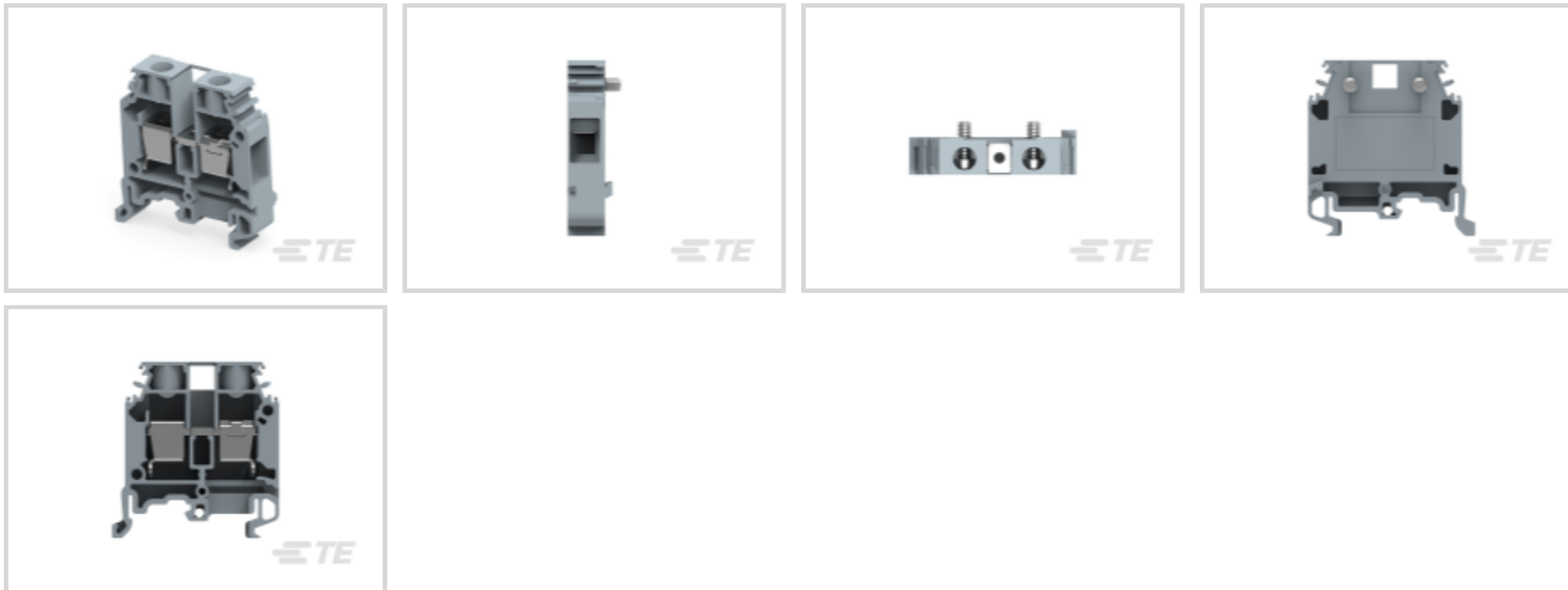
TE Internal #: 1SNA115120R1700

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Gray, Product Spacing .393 in [10 mm], 2 Position, Screw Terminal, ENTRELEC SNA

[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: **10 mm<sup>2</sup>**

Primary Product Color: **Gray**

## Features

### Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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### Configuration Features

Gauge Type	B6
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)	70 A
Dielectric Test Voltage	2000 V
Short-Time Withstanding Current Rating @ 1s	1200 A



Voltage Rating (IEC)	1000 V
Current Rating (UL)	65 A
Current Rating (IEC)	57 A
Voltage Rating	1000 VAC

### Body Features

Product Weight	17.2 g[.607 oz]
Primary Product Color	Gray

### 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	10.6 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	.5 – 16 mm <sup>2</sup>
Wire Stripping Length	12 mm[.472 in]
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 – 10 mm <sup>2</sup>
Product Depth	40.5 mm
Product Width	10 mm[.393 in]
Product Length	40.5 mm
Product Height	44.5 mm
Rated Cross Section	10 mm <sup>2</sup>
Product Spacing	10 mm[.393 in]
Wire Size	10 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
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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	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**





TE Part # 1SNA238000R1600  
RC1010

TE Part # 1SNA238001R0300  
RC1010 0->7 (X10) HORIZONTAL

TE Part # 1SNA238002R0400  
RC1010 1->8 (X10) HORIZONTAL

TE Part # 1SNA238003R0500  
RC1010 9->16 (X10) HORIZONTAL

TE Part # 1SNA238004R0600  
RC1010 17->24 (X10) HORIZONTAL

TE Part # 1SNA238005R0700  
RC1010 25->32 (X10) HORIZONTAL

TE Part # 1SNA238006R0000  
RC1010 33->40 (X10) HORIZONTAL

TE Part # 1SNA238007R0100  
RC1010 41->48 (X10) HORIZONTAL

TE Part # 1SNA238008R1200  
RC1010 49->56 (X10) HORIZONTAL

TE Part # 1SNA238009R1300  
RC1010 57->64 (X10) HORIZONTAL

TE Part # 1SNA238010R0700  
RC1010 65->72 (X10) HORIZONTAL

TE Part # 1SNA238011R2400  
RC1010 73->80 (X10) HORIZONTAL

TE Part # 1SNA238012R2500  
RC1010 81->88 (X10) HORIZONTAL

TE Part # 1SNA238013R2600  
RC1010 89->96 (X10) HORIZONTAL

TE Part # 1SNA238014R2700  
RC1010 97->104 (X10) HORIZONTAL

TE Part # 1SNA238015R2000  
RC1010 105->112 (X10) HORIZONTAL

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\\_1SNA115120R1700\\_K.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNA115120R1700\\_K.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNA115120R1700\\_K.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

[M10/10](#)

English

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