1SNA105031R1400 ✓ ACTIVE

TE Internal #: 1SNA105031R1400

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

View on TE.com >

Block Function: **Feed-Through**

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

Rated Cross Section: **4 mm²**

Primary Product Color: **Black**

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

1SNA105031R1400

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

Body Features

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

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

1SNA105031R1400

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

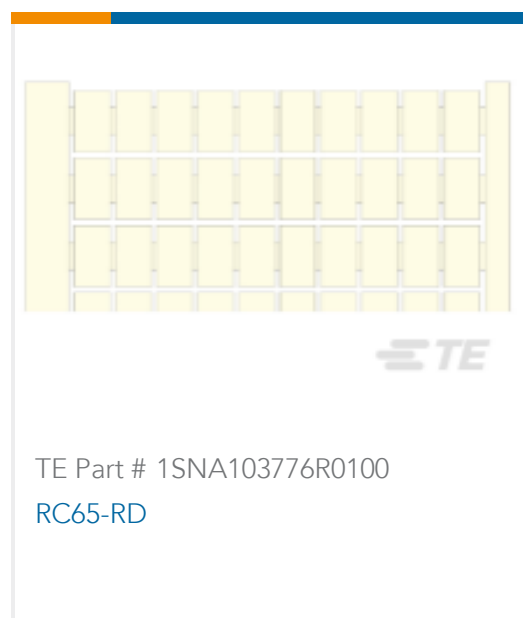| UL Flammability Rating	UL 94V-0

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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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

1SNA105031R1400

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, 10AWG Rated
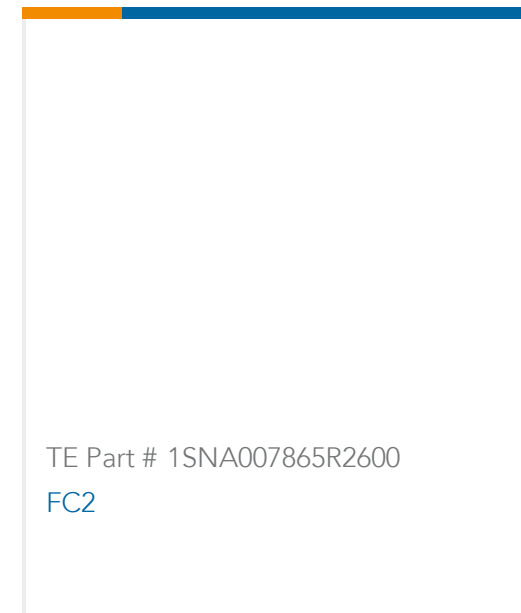Cross Section, 4mm² Rated Cross Section, Black
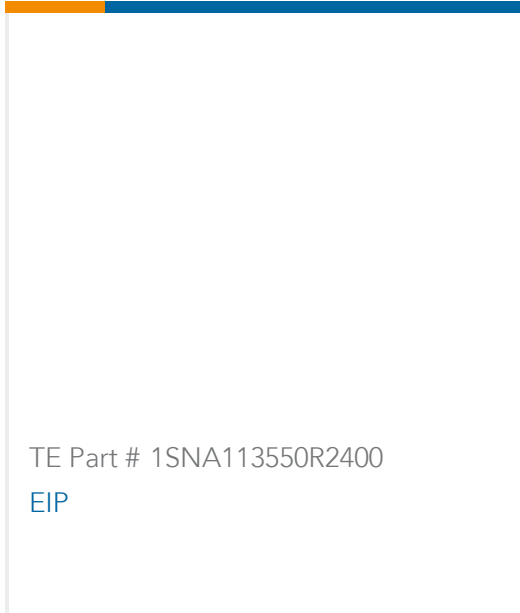
TE Part # 1SNA113548R2600
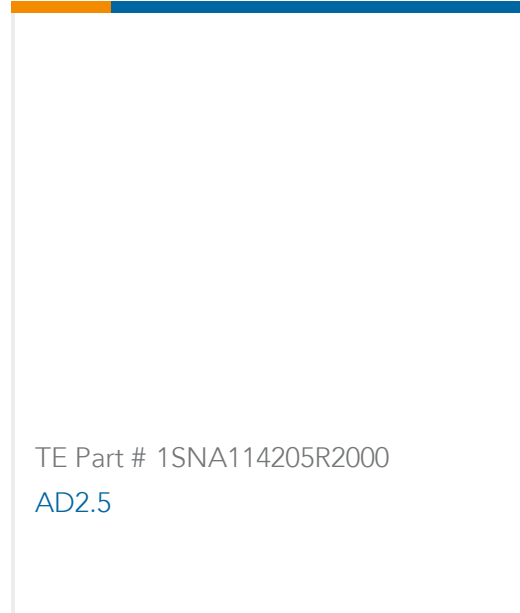PC6-10

TE Part # 1SNA114825R0500
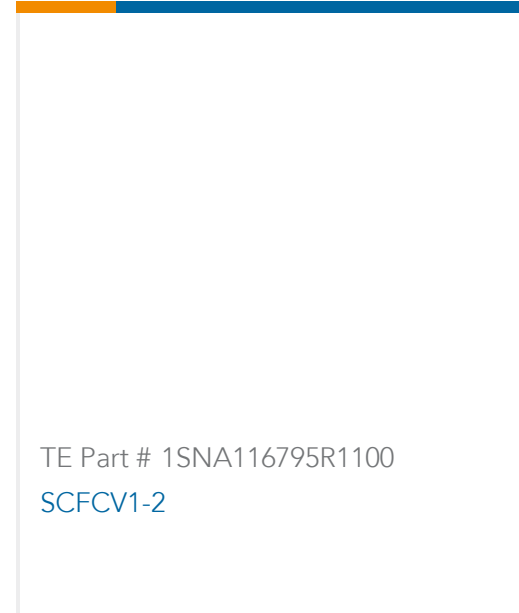SCFM6

TE Part # 1SNA233000R0100
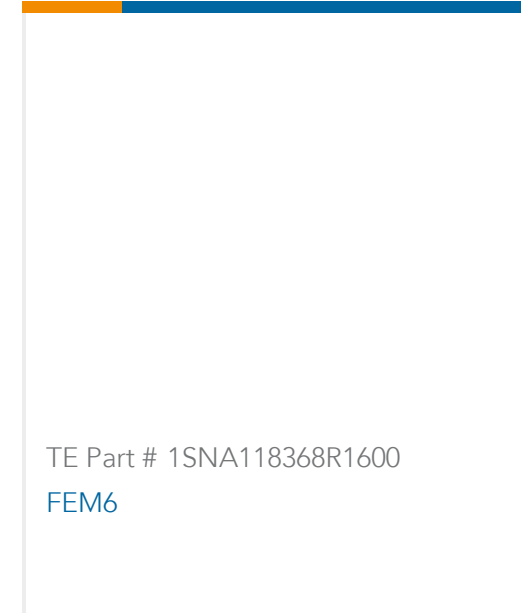RC610

TE Part # 1SNA007865R2600
FC2

TE Part # 1SNA113550R2400
EIP

TE Part # 1SNA114205R2000
AD2.5

TE Part # 1SNA116795R1100
SCFCV1-2

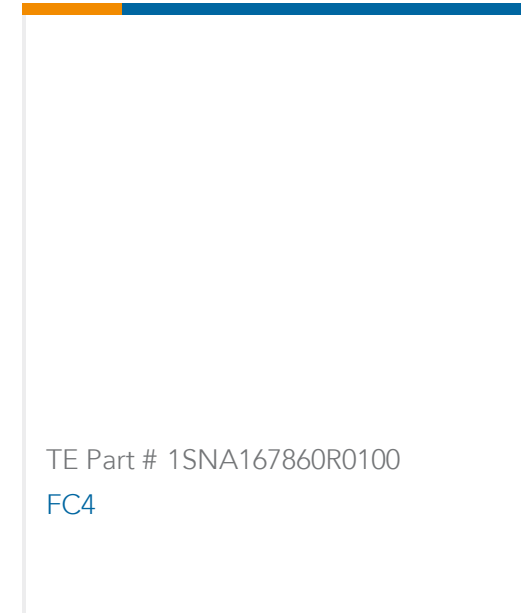TE Part # 1SNA118368R1600
FEM6

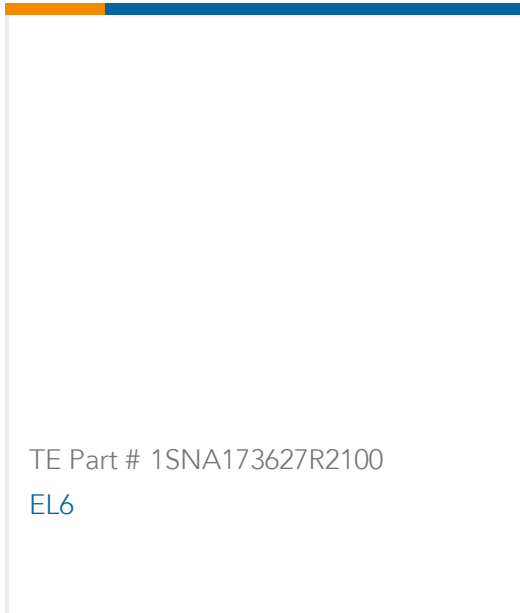TE Part # 1SNA118707R0300
SCF6

TE Part # 1SNA163043R2100
AL2
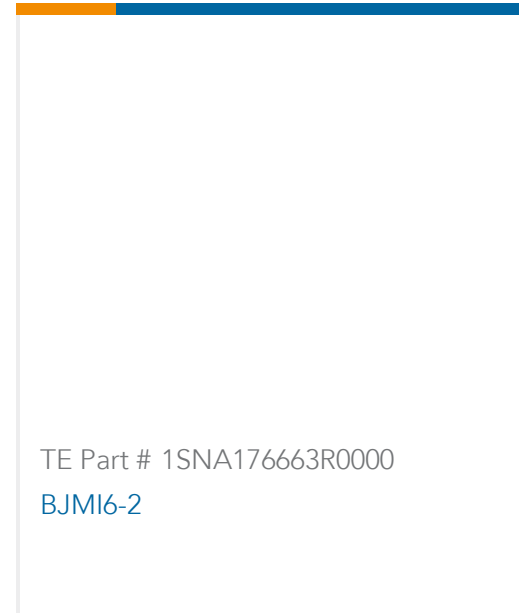
TE Part # 1SNA163261R0000
AL3

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
TE 1500W 33R 5% Bracket

TE Part #1-2176251-3
CRGS2010 5% 10R

TE Part #1SNA105001R2700
M4/6

TE Part #1SNA105002R2000
M4/6

1SNA105031R1400

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

TE Part #1SNA105032R1500
M4/6

TE Part #1SNA105051R2000
M4/6

TE Part #1SNA105052R2100
MA2.5/5

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNA105031R1400_A1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNA105031R1400_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNA105031R1400_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)