1SNK510020R0000 ✔ ACTIVE

ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK510020R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Blue, Product Spacing .394 in [10 mm], 2 Position, DIN Rail, ENTRELEC SNK

View on TE.com >

Connectors > Terminal Blocks & Strips > Modular Terminal Blocks

Block Function: **Feed-Through**

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

Primary Product Color: **Blue**

Product Spacing: **10 mm [.394 in]**

Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block

Configuration Features

Gauge Type	A6-B6
Number of Levels	1
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	67 A
Power Loss	2.4 W
Short-Time Withstanding Current Rating @ 1s	1920 A
Voltage Rating (IEC)	1000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V

Voltage Rating (CSA)	600 V
Dielectric Withstanding Voltage (Max)	2200 V
Current Rating (UL)	67 A
Current Rating (IEC)	76 A

Body Features

Product Weight	20.2 g[.795 oz]
Primary Product Color	Blue

Mechanical Attachment

DIN Rail Mounting Type	TH35-15, TH35-7.5
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide

Dimensions

Main Circuit Capacity - Twin Ferrule per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 4 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 8 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 16 mm²
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 6 mm²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 4 AWG
Wire Stripping Length	13.5 mm[.531 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.5 – 6 mm²
Tool Size	5.5 mm[.217 in]
Product Depth	48.8 mm
Product Length	48.8 mm[1.92 in]
Product Height	56.1 mm
Product Spacing	10 mm[.394 in]

Usage Conditions

Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]

Industry Standards

IP Rating	IP20

UL Flammability Rating	UL 94V-0

Product Compliance

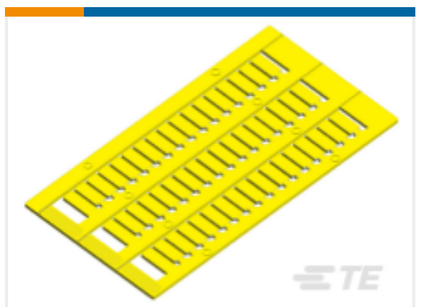
For compliance documentation, visit the product page on TE.com>

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1SNK160004R0000
MC812-YL

TE Part # 1SNK505910R0000
ES4

TE Part # 1SNK900001R0000
BAM4

TE Part # 1SNK900002R0000
BAZ1

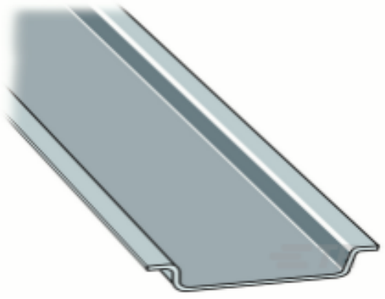
TE Part # 1SNK900103R0000
CS-R1

TE Part # 1SNK900203R0000
TP2

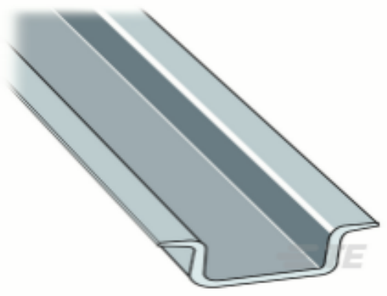
TE Part # 1SNK900621R0000
PL10

TE Part # 1SNK900624R0000
KCO

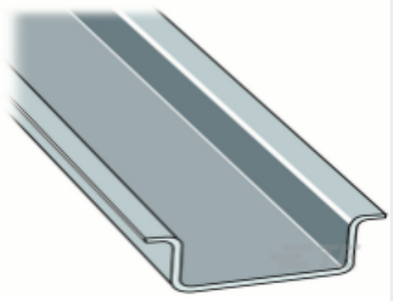
TE Part # 1SNK910303R0000
JB10-3



TE Part # 1SNA164800R0300
PR3.G2



TE Part # 1SNA168500R1200
PR4



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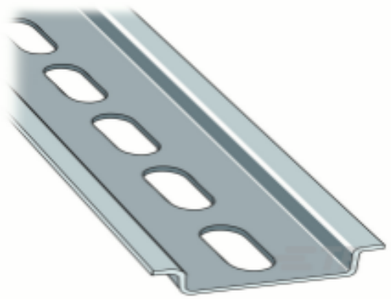
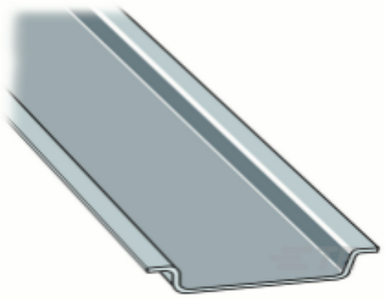
PR5



TE Part # 1SNA173220R0500
PR30



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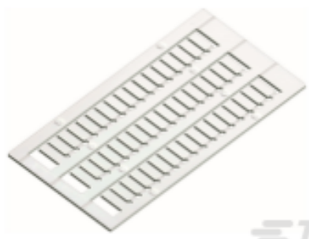
PR3.Z2



TE Part # 1SNK160000R0000
MC812

TE Part # 1SNK169999R0000
MC812PA

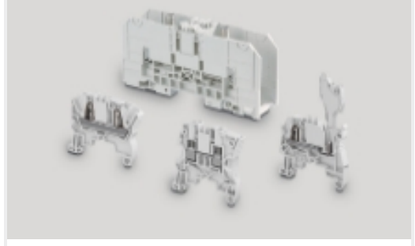
TE Part # 1SNK900101R0000
CS

TE Part # 1SNK900201R0000
TC5-R1

TE Part # 1SNK900205R0000
TP4

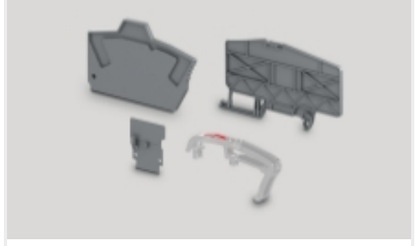
TE Part # 1SNK900603R0000
JB85-3

Also in the Series | ENTRELEC SNK



Modular Terminal Blocks(320)

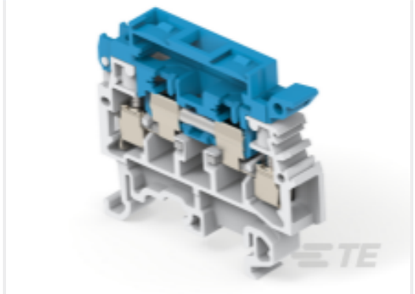
Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought

TE Part #1SNK506010R0000
ZS6



TE Part #1SNA115659R0700
M4/8.SN

TE Part #1SNK505020R0000
ZS4-BL

TE Part #1SNK506020R0000
ZS6-BL

TE Part #1SNK508150R0000
ZS10-PE

TE Part #1SNK512010R0000
ZS25

TE Part #1SNK512020R0000
ZS25-BL

TE Part #1SNK522020R0000
ZS70-BL

TE Part #1SNA168672R1100
TGA8

TE Part #1SNA168675R1400
ANT

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1SNK510020R0000_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK510020R0000_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1SNK510020R0000_B1.2d_dxf.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ENTRELEC Terminal Block - Master Catalog

ENTRELEC Terminal Block - Master Catalog

English

ZS16-BL

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Essential Entrelec Terminal Blocks

French

Essential Entrelec Terminal Blocks

English

Essential Entrelec Terminal Blocks

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English

Agency Approvals

ZK-ZS_ATEX_1SND225112U1006-C-TE

English