1SNK508062R0000 ✔ ACTIVE

ENTRELEC

TE Internal #: 1SNK508062R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, 6AWG Rated Cross Section, 10mm² Rated Cross Section, Red

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 mm²**

Primary Product Color: **Red**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block

Configuration Features

Gauge Type	A5-B5
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)	42 A
Power Loss	1.8 W
Short-Time Withstanding Current Rating @ 1s	1200 A
Voltage Rating (IEC)	1000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V
Dielectric Test Voltage	2200 V
Current Rating (UL)	42 A
Current Rating (IEC)	57 A

Body Features

Product Weight	14.1 g[.555 oz]
Primary Product Color	Red

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 – 12 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 6 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 10 mm²
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 4 mm²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 6 AWG
Wire Stripping Length	12 mm[.472 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.5 – 4 mm²
Tool Size	4 mm[.157 in]
Product Depth	47.3 mm
Product Length	47.3 mm[1.86 in]
Product Height	53 mm
Rated Cross Section	10 mm²
Product Spacing	8 mm[.315 in]

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]

Industry Standards

IP Rating	IP20
UL Flammability Rating	UL 94V-0

Product Compliance

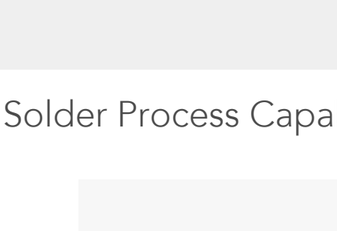
For compliance documentation, visit the product page on TE.com>

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: JUL 2021 (219) Candidate List Declared Against: JUL 2021 (219) 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

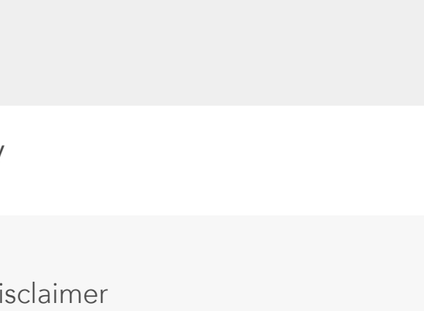
Product Compliance Disclaimer

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

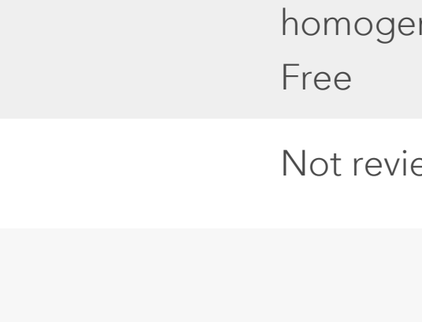
Compatible Parts



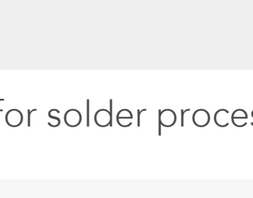
TE Part # 1SNK160000R0000
MC812



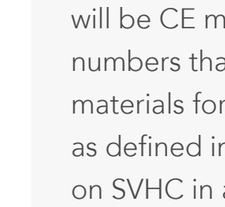
TE Part # 1SNK169999R0000
MC812PA



TE Part # 1SNK505910R0000
ES4



TE Part # 1SNK900001R0000
BAM4



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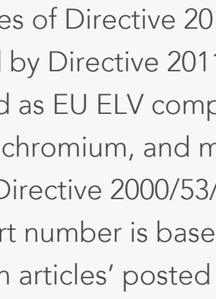
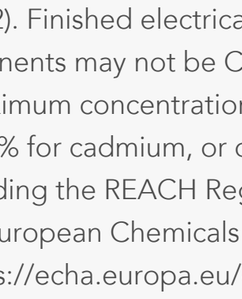
BAZ1



TE Part # 1SNK900101R0000
CS



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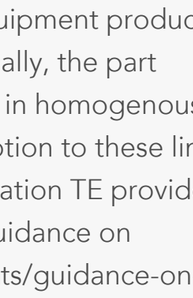
CS-R1



TE Part # 1SNK900104R0000
ES-TC8

TE Part # 1SNK900200R0000
TC5

TE Part # 1SNK900201R0000
TC5-R1

TE Part # 1SNK900603R0000
JB85-3

TE Part # 1SNK900611R0000
UMH

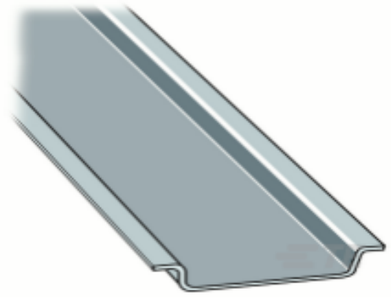
TE Part # 1SNK900620R0000
PL8

TE Part # 1SNK900624R0000
KCO

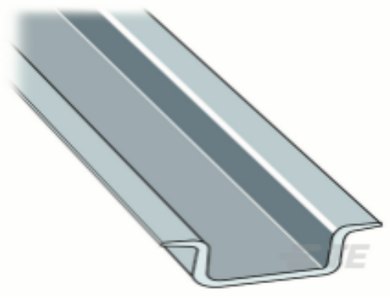
TE Part # 1SNK908302R0000
JB8-2

TE Part # 1SNK908303R0000
JB8-3

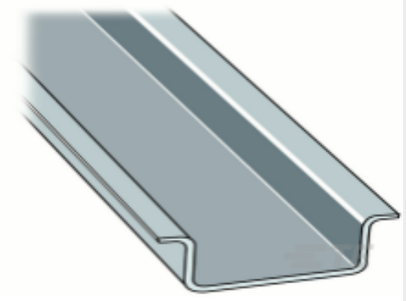
TE Part # 1SNK908305R0000
JB8-5



TE Part # 1SNA164800R0300
PR3.G2



TE Part # 1SNA168500R1200
PR4



TE Part # 1SNA168700R2200
PR5

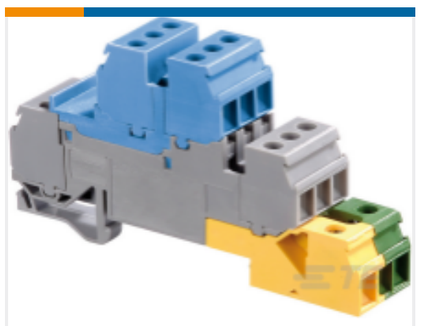
Customers Also Bought

TE Part #1SNA115124R0700
M35/16

TE Part #1SNA125124R0100
M35/16.N

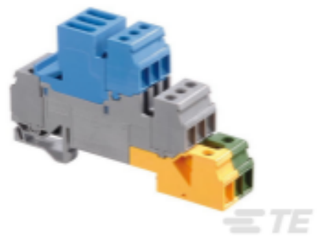
TE Part #1SNK145011R0000
MC512PA 1->100 Horizontal

TE Part #ZPF000000000036890
983-6SE 10-05 S8

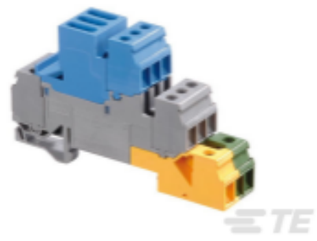


TE Part #1SNA110327R2100
D4/6.LNTP2

TE Part #1SNA173217R2600
BJM62

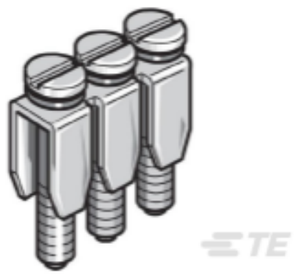


TE Part #1SNA110264R0200
D4/6.LNTP1



TE Part #1SNA110269R1700
D4/6.LNTP3

TE Part #1SNA116964R1200
FED6



TE Part #1SNA173219R0000
BJM62

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK508062R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK508062R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK508062R0000_A.3d_stp.zip

English

Datasheets & Catalog Pages

ENTRELEC Terminal Block - Master Catalog

English

ZS10-RD

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Agency Approvals

CE Declaration of Conformity

English