

1SNK506212R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SNK506212R0000

TE Internal Description: ZS6-D2-PE

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through & Ground**

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

Rated Cross Section: **6 mm²**

Primary Product Color: **Gray**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
-------------------------------------	----------------------------

Configuration Features

Gauge Type	A4-B3
Number of Levels	2
Number of Circuits	2
Block Function	Feed-Through & Ground
Number of Positions	4

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	30 A
Short-Time Withstanding Current Rating @ 1s	720 A
Voltage Rating (IEC)	800 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	300 V
Voltage Rating (CSA)	300 V
Dielectric Test Voltage	2000 V
Current Rating (UL)	30 A
Current Rating (IEC)	41 A

Body Features

Product Weight	18.4 g[.724 oz]
----------------	-----------------

Primary Product Color Gray

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	24 – 14 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 12 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm ²
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.2 – 2.5 mm ²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 10 AWG
Wire Stripping Length	10 mm[.394 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.2 – 2.5 mm ²
Tool Size	4 mm[.157 in]
Product Depth	65.5 mm
Product Length	65.5 mm[2.58 in]
Product Height	77.1 mm
Rated Cross Section	6 mm ²
Product Spacing	6 mm[.236 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	Not Yet Reviewed
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: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197)
Halogen Content	Not Yet Reviewed for halogen content
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Compatible Parts



TE Model / Part # 1SNK900611R0000
UMH



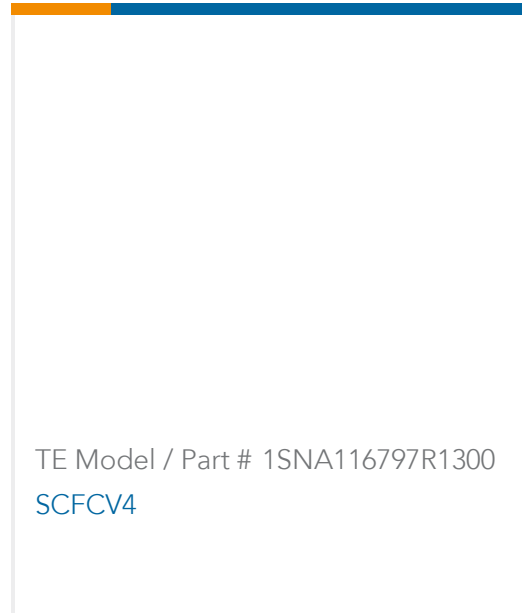
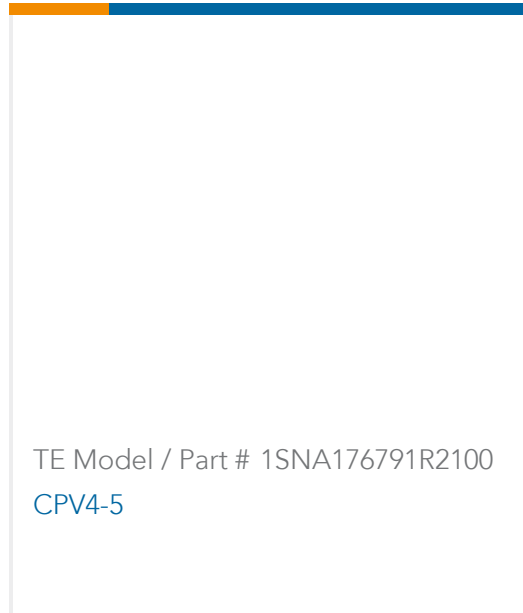
TE Model / Part # 1SNK900201R0000
TCS-R1



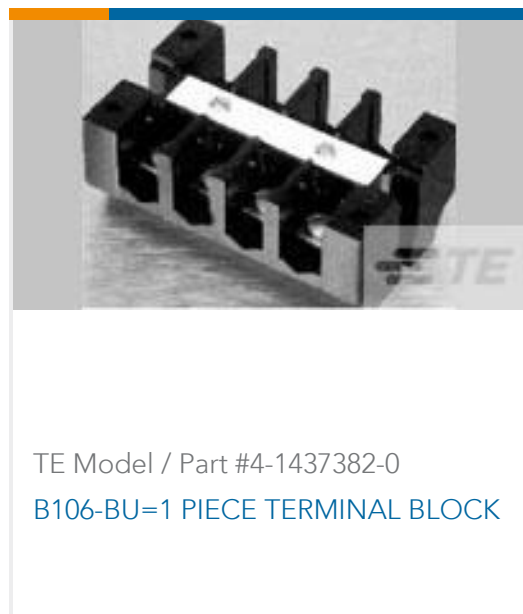
TE Model / Part # 1SNK906303R0000
JB6-3



TE Model / Part # 1SNK900205R0000
TP4



Customers Also Bought





TE Model / Part #3-1437381-3
2B112=1 PIECE TERMINAL BLOCK



TE Model / Part #3-1423164-5
7022PKX=RLY,STD,OFF,2P,125VDC



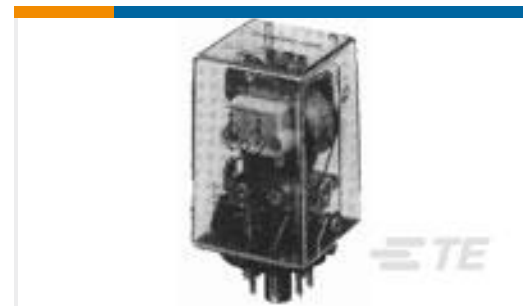
TE Model / Part #3-1437382-0
B104=1 PIECE TERMINAL BLOCK



TE Model / Part #1423155-4
GPCN=RELAY, 48VDC W/BLOWOUT DE



TE Model / Part #8-1393104-3
KRPA-14DG-125=KRPA



TE Model / Part #1-1393102-2
KRP-3DH-110=KA/KB/KC/KR

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1SNK506212R0000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK506212R0000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK506212R0000_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

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

[ZS6-D2-PE](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

[ENTRELEC Terminal Block - Master Catalog](#)

English