



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Configuration: **Ground**

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

Rated Cross Section: **16 mm²**

Housing Color: **Green & Yellow**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Gauge Type	A6-B6
Number of Levels	1
Number of Circuits	1
Block Configuration	Ground
Number of Positions	2

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Short-Time Withstanding Current Rating @ 1s	1920 A
Dielectric Test Voltage	2200 V

Body Features

Product Weight	38 g[1.496 oz]
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Mechanical Attachment

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

Housing Features

Housing Material	Polyamide
Housing Color	Green & Yellow



Dimensions

Main Circuit Capacity - Twin Ferrule per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	.5 – 25 mm²
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 - 1 Rigid Stranded Conductor per Screw Clamp	24 – 3 AWG
Wire Stripping Length	13.5 mm[.531 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.5 – 10 mm²
Product Depth	48.9 mm
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 10 mm²
Tool Size	5.5 mm[.217 in]
Product Length	48.9 mm
Product Height	63.6 mm
Rated Cross Section	16 mm²
Product Spacing	12 mm[.472 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: JUL 2019 (201) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC











EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUL 2019 (201) 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

 <p>TE Model / Part # 1SNK505910R0000 ES4</p>	 <p>TE Model / Part # 1SNK900001R0000 BAM4</p>	 <p>TE Model / Part # 1SNK900002R0000 BAZ1</p>	 <p>TE Model / Part # 1SNK140000R0000 MC512</p>
 <p>TE Model / Part # 1SNK140004R0000 MC512-YL</p>	 <p>TE Model / Part # 1SNK149999R0000 MC512PA</p>	 <p>TE Model / Part # 1SNK150000R0000 MC612</p>	 <p>TE Model / Part # 1SNK150004R0000 MC612-YL</p>



TE Model / Part #
1SNK159999R0000
MC612PA



TE Model / Part #
1SNK160000R0000
MC812



TE Model / Part #
1SNK160004R0000
MC812-YL



TE Model / Part #
1SNK169999R0000
MC812PA



TE Model / Part #
1SNK900101R0000
CS



TE Model / Part #
1SNK900103R0000
CS-R1



TE Model / Part #
1SNK900200R0000
TC5



TE Model / Part #
1SNK900201R0000
TC5-R1



TE Model / Part #
1SNK900203R0000
TP2



TE Model / Part #
1SNK900205R0000
TP4



TE Model / Part #
1SNK900603R0000
JB85-3

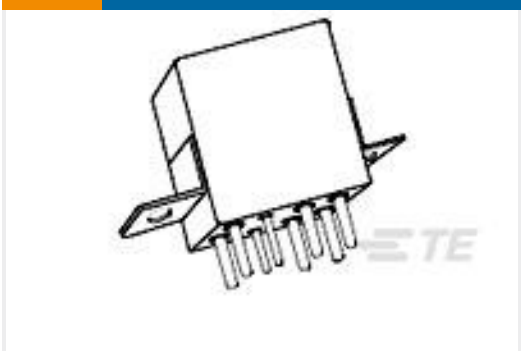


TE Model / Part #
1SNK900604R0000
CO

Customers Also Bought



TE Model / Part #4-
2176371-9
RQ 0603 14K7 0.1% 10PPM
5K RL



TE Model / Part #3-
1617752-8
FCA-215-BY3



TE Model / Part #
1SNK512010R0000
ZS25



TE Model / Part #
1SNK512020R0000
ZS25-BL



TE Model / Part #
1SNK912302R0000
JB12-2



TE Model / Part #
1SNK922302R0000
JB22-2



TE Model / Part #
1SNK926302R0000
JB26-2



TE Model / Part #2-
1437664-5
NC6-P107-20=NC6
ASSEMBLY



TE Model / Part #7-
2176380-4
[RQ 0805 6K65 0.1% 10PPM](#)
[5K RL](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1SNK512150R0000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK512150R0000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK512150R0000_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 \(RUS\)](#)

ZS25-PE

English

SNK SERIES TERMINAL BLOCKS

English

[ENTRELEC Terminal Block - Master Catalog](#)

English

Agency Approvals

[CE Declaration of Conformity](#)

English