



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Ground**

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

Rated Cross Section: **4 mm²**

Primary Product Color: **Green & Yellow**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Gauge Type	A4-B3
Number of Levels	1
Number of Circuits	1
Block Function	Ground
Number of Positions	3

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Short-Time Withstanding Current Rating @ 1s	480 A
Dielectric Test Voltage	2000 V

Body Features

Product Weight	16.2 g[.638 oz]
Primary Product Color	Green & Yellow

Mechanical Attachment

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

Housing Features



Housing Material	Polyamide
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Dimensions

Main Circuit Capacity - Twin Ferrule per Screw Clamp	24 – 14 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	.22 – 6 mm ²
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm ²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 12 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 10 AWG
Wire Stripping Length	10.5 mm[.413 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.2 – 2.5 mm ²
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.2 – 2.5 mm ²
Tool Size	4 mm[.157 in]
Product Depth	48.3 mm
Product Length	48.3 mm
Product Height	68.5 mm
Rated Cross Section	4 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	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 2022 (224)



Candidate List Declared Against: JUNE 2022 (224)
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 # 1SNK140004R0000
MC512-YL



TE Part # 1SNK150004R0000
MC612-YL



TE Part # 1SNK505912R0000
ES6-3S



TE Part # 1SNK900001R0000
BAM4



TE Part # 1SNK900002R0000
BAZ1



TE Part # 1SNK900101R0000
CS



TE Part # 1SNK900103R0000
CS-R1



TE Part # 1SNK900105R0000
ES-TC6



 TE Part # 1SNK900203R0000 TP2	 TE Part # 1SNK900603R0000 JB85-3	 TE Part # 1SET111013R0000 WF040-10-OR	 TE Part # 1SET111032R0000 WF040-10-GR
 TE Part # 1SET112005R0000 WFD015-08-BK	 TE Part # 1SET112007R0000 WFD025-10-GR	 TE Part # 1SET112013R0000 WFD025-10-BL	 TE Part # 1SNA164800R0300 PR3.G2
 TE Part # 1SNA168500R1200 PR4	 TE Part # 1SNA168700R2200 PR5	 TE Part # 1SNA173220R0500 PR30	 TE Part # 1SNA174300R1700 PR3.Z2

Also in the Series | ENTRELEC SNK

 Modular Terminal Blocks(318)	 Terminal Block & Strip Conducting Accessories(67)	 Terminal Block & Strip Insulating Accessories(30)
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Customers Also Bought

 TE Part #1-794617-2 12POS,MICRO MNL,RCPT HSG	 TE Part #32953 PG R 22-16 COMM 22-18 MIL 1/4	 TE Part #1SNK505010R0000 ZS4	 TE Part #1SNK505150R0000 ZS4-PE
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1SNK506151R0000

Modular Terminal Blocks, Ground, Screw Clamp Terminal Block, Green & Yellow,
Product Spacing .236 in [6 mm], 3 Position, DIN Rail, ENTRELEC SNK



TE Part #1SNK506011R0000
ZS6-3S



TE Part #1SNK900001R0000
BAM4



TE Part #1SNK905302R0000
JB5-2



TE Part #1SNK145011R0000
MC512PA 1->100 Horizontal



TE Part #1SNK506030R0000
ZS6-OR

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK506151R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK506151R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK506151R0000_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 Block - Master Catalog

English

ZS6-3S-PE

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Agency Approvals

ZK-ZS_ATEX_1SND225112U1006-C-TE

English

1SNK506151R0000

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