



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Ground**
Modular Terminal Block Product Type: **Screw Clamp Terminal Block**
Rated Cross Section: **16 mm²**
Primary Product Color: **Green & Yellow**

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	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]
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
------------------	-----------

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 Non-Insulated Ferrule per Screw Clamp	.5 – 16 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 8 AWG
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
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 10 mm²
Tool Size	5.5 mm[.217 in]
Product Depth	48.9 mm
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	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: JAN 2021 (211)



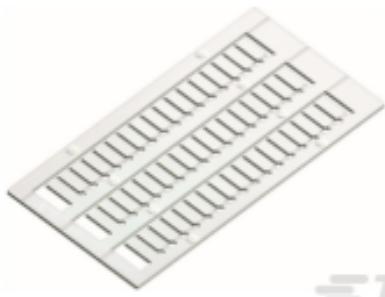
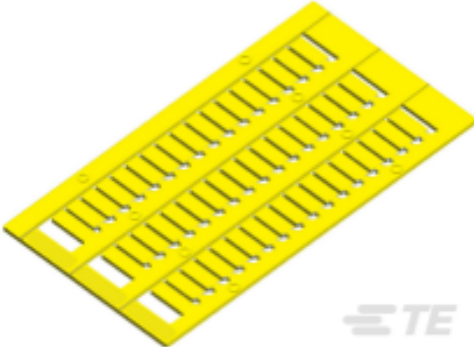
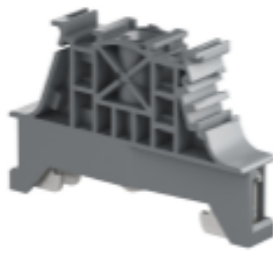
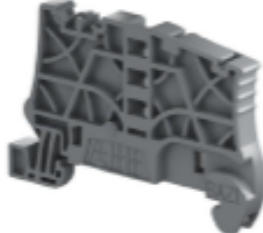
Candidate List Declared Against: JAN 2021
(211)
Does not contain REACH SVHC

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 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 # 1SNK140000R0000 MC512	 TE Part # 1SNK140004R0000 MC512-YL	 TE Part # 1SNK149999R0000 MC512PA	 TE Part # 1SNK159999R0000 MC612PA
 TE Part # 1SNK160000R0000 MC812	 TE Part # 1SNK169999R0000 MC812PA	 TE Part # 1SNK505910R0000 ES4	 TE Part # 1SNK900001R0000 BAM4
 TE Part # 1SNK900002R0000 BAZ1	 TE Part # 1SNK900101R0000 CS	 TE Part # 1SNK900103R0000 CS-R1	 TE Part # 1SNK900200R0000 TC5



 TE Part # 1SNK900201R0000 TC5-R1	 TE Part # 1SNK900205R0000 TP4	 TE Part # 1SNK900603R0000 JB85-3	 TE Part # 1SNK900611R0000 UMH
 TE Part # 1SNK900621R0000 PL10	 TE Part # 1SNK900624R0000 KCO	 TE Part # 1SNK912302R0000 JB12-2	 TE Part # 1SNK912303R0000 JB12-3

Customers Also Bought

 TE Part #1SNK160000R0000 MC812	 TE Part #1SNK505010R0000 ZS4	 TE Part #1SNK505020R0000 ZS4-BL	 TE Part #1SNK505150R0000 ZS4-PE
 TE Part #1SNK505210R0000 ZS4-D2	 TE Part #1SNK505212R0000 ZS4-T3	 TE Part #YDTS26Z11-02SAV001 D38999: Straight Plug, 11-02 Insert	 TE Part #1SNK506010R0000 ZS6
 TE Part #1SNK506020R0000 ZS6-BL	 TE Part #1617138-1 MAW-12S = MA TO-5 RELAY		

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

ZS25-PE

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Block - Master Catalog

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Agency Approvals

CE Declaration of Conformity

English