

1SNK505150R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SNK505150R0000

Modular Terminal Blocks, Ground, Screw Clamp Terminal Block,  
12AWG Rated Cross Section, 4mm<sup>2</sup> Rated Cross Section, Green &  
Yellow

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Ground**

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

Rated Cross Section: **4 mm<sup>2</sup>**

Primary Product Color: **Green & Yellow**

## Features

### Product Type Features

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

### Configuration Features

Gauge Type	A3-B3
Number of Levels	1
Number of Circuits	1
Block Function	Ground
Number of Positions	2

### Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Dielectric Test Voltage	2200 V
Short-Time Withstanding Current Rating @ 1s	480 A

### Body Features

Product Weight	12.1 g[.476 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 - 1 Rigid Stranded Conductor per Screw Clamp	24 – 12 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 12 AWG
Wire Stripping Length	10.5 mm[.413 in]
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 14 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm <sup>2</sup>
Tool Size	3.5 mm[.138 in]
Product Depth	47.4 mm
Product Length	47.4 mm[1.87 in]
Product Height	59.5 mm
Rated Cross Section	4 mm <sup>2</sup>
Product Spacing	5.2 mm[.205 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: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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 # 1SNK149999R0000  
MC512PA



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 # 1SNK900606R0000  
LH-J



TE Part # 1SNK900609R0000  
PROCAP5



TE Part # 1SNK900611R0000  
UMH



### Customers Also Bought



### Documents





### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK505150R0000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK505150R0000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK505150R0000\\_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

[ZS4-PE](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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

### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

### Agency Approvals

[CE Declaration of Conformity](#)

English