

1SNK506152R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK506152R0000

Modular Terminal Blocks, Ground, Screw Clamp Terminal Block, Green & Yellow, Product Spacing .236 in [6 mm], 4 Position, DIN Rail, ENTRELEC SNK

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Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Ground**

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

Primary Product Color: **Green & Yellow**

Product Spacing: **6 mm [ .236 in ]**

Number of Positions: **4**

## Features

### Product Type Features

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

### Configuration Features

|                     |        |
|---------------------|--------|
| Gauge Type          | A4-B3  |
| Number of Levels    | 1      |
| Number of Circuits  | 1      |
| Block Function      | Ground |
| Number of Positions | 4      |

### Electrical Characteristics

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

### Body Features

|                       |                 |
|-----------------------|-----------------|
| Product Weight        | 19.4 g[.764 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 – 10 AWG              |
| Main Circuit Capacity - Twin Ferrule per Screw Clamp                | 24 – 14 AWG              |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp        | .22 – 6 mm <sup>2</sup>  |
| Wire Stripping Length   | 10.5 mm[.413 in]         |
| 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 <sup>2</sup>  |
| Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp | .2 – 2.5 mm <sup>2</sup> |
| Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp       | .2 – 2.5 mm <sup>2</sup> |
| Tool Size   | 4 mm[.157 in]            |
| Product Depth   | 48.3 mm                  |
| Product Length  | 48.3 mm                  |
| Product Height  | 79.2 mm                  |
| Product Spacing   | 6 mm[.236 in]            |

### Usage Conditions

|                                |                            |
|--------------------------------|----------------------------|
| 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](https://www.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 2023 (235)<br>Candidate List Declared Against: JUNE 2023 (235)<br>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 # 1SET111032R0000  
WF040-10-GR



TE Part # 1SET112013R0000  
WFD025-10-BL



TE Part # 1SNK140004R0000  
MC512-YL



TE Part # 1SNK150004R0000  
MC612-YL



TE Part # 1SNK505911R0000  
ES6-4S



TE Part # 1SNK900001R0000  
BAM4



TE Part # 1SNK900002R0000  
BAZ1



TE Part # 1SNK900103R0000  
CS-R1



TE Part # 1SNK900105R0000  
ES-TC6



TE Part # 1SNK900203R0000  
TP2



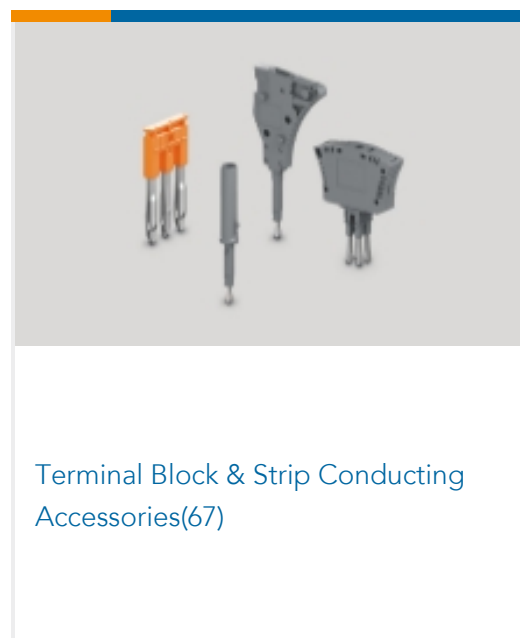
TE Part # 1SNK900603R0000  
JB85-3



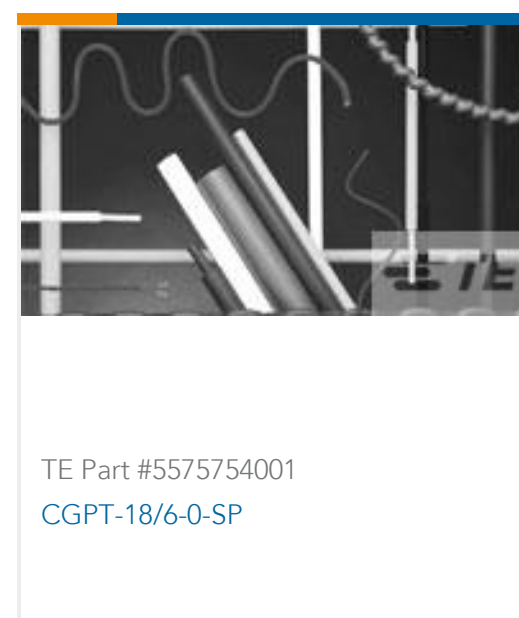
TE Part # 1SET111013R0000  
WF040-10-OR



Also in the Series | **ENTRELEC SNK**



Customers Also Bought





## Documents

### CAD Files

[3D PDF](#)

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506152R0000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506152R0000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506152R0000\\_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](#)

[ENTRELEC Terminal Block - Master Catalog](#)

English

[ZS6-4S-PE](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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

### Agency Approvals

[ZK-ZS\\_ATEX\\_1SND225112U1006-C-TE](#)

English