

1SNK506250R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK506250R0000

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**

Rated Cross Section: **6 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          | A4-B3  |
| Number of Levels    | 2      |
| Number of Circuits  | 1      |
| Block Function      | Ground |
| Number of Positions | 4      |

### Electrical Characteristics

|   |        |
|---|--------|
| Impulse Withstanding Voltage Rating (IEC)   | 8000 V |
| Short-Time Withstanding Current Rating @ 1s | 720 A  |
| Dielectric Test Voltage                     | 2000 V |

### Body Features

|                       |                 |
|-----------------------|-----------------|
| Product Weight        | 18.4 g[.724 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                | 24 – 14 AWG              |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp        | 24 – 10 AWG              |
| 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 Flexible Conductors per Screw Clamp       | .2 – 2.5 mm <sup>2</sup> |
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  | 24 – 10 AWG              |
| Wire Stripping Length   | 10 mm[.394 in]           |
| Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp | .2 – 2.5 mm <sup>2</sup> |
| Tool Size   | 4 mm[.157 in]            |
| Product Depth   | 65.5 mm                  |
| Product Length  | 65.5 mm[2.58 in]         |
| Product Height  | 77.1 mm                  |
| Rated Cross Section   | 6 mm <sup>2</sup>        |
| 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

Not Yet Reviewed for halogen content

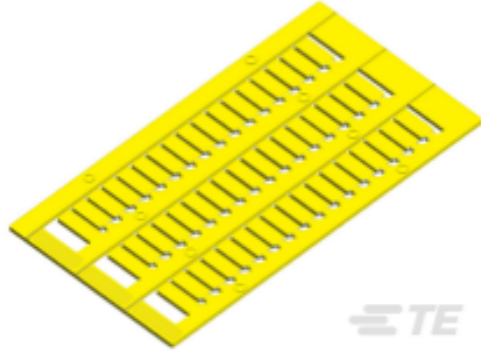
Solder Process Capability

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 # 1SNK150004R0000  
MC612-YL



TE Part # 1SNK505960R0000  
ES4-D2



TE Part # 1SNK900102R0000  
BAZH1



TE Part # 1SNK900105R0000  
ES-TC6



TE Part # 1SNK900203R0000  
TP2



TE Part # 1SNK906303R0000  
JB6-3



TE Part # 1SNK906305R0000  
JB6-5



TE Part # 1SET111013R0000  
WF040-10-OR



TE Part # 1SET111032R0000  
WF040-10-GR



TE Part # 1SET112005R0000  
WFD015-08-BK



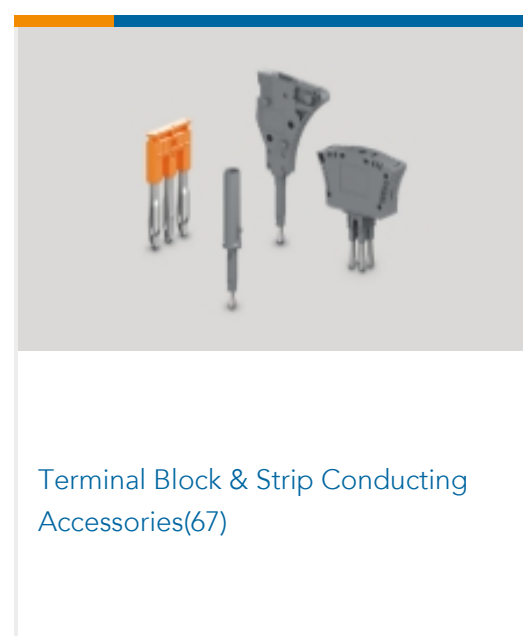
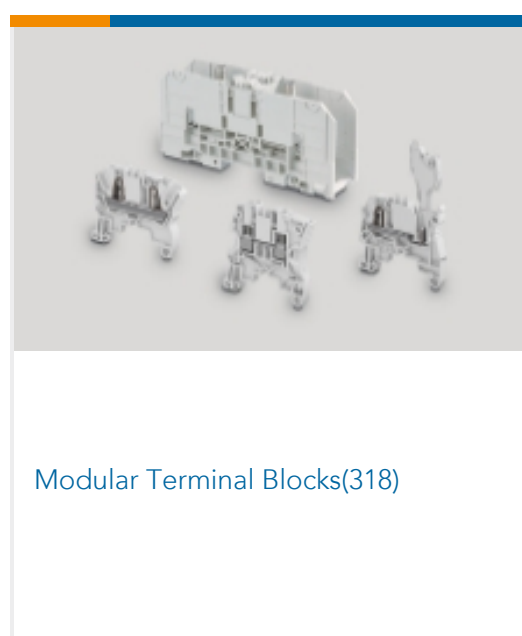
TE Part # 1SET112007R0000  
WFD025-10-GR



TE Part # 1SET112013R0000  
WFD025-10-BL



## Also in the Series | ENTRELEC SNK



## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506250R0000\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506250R0000\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNK506250R0000\\_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](#)

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Product Spacing .236 in [6 mm], 4 Position, DIN Rail, ENTRELEC SNK



English

[ZS6-D1-PE](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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