

1SNK508421R0000 ✓ ACTIVE

ENTRELEC

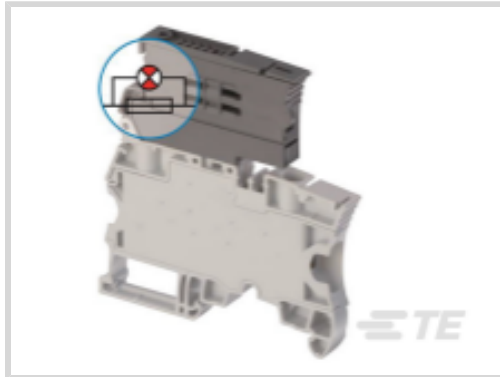
TE Internal #: 1SNK508421R0000

TE Internal Description: ZS10-SF-R1

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Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Fuse**

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

Rated Cross Section: **10 mm<sup>2</sup>**

Primary Product Color: **Gray & Dark Gray**

## Features

### Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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### Configuration Features

Gauge Type	A5-B5
Number of Levels	1
Number of Circuits	1
Block Function	Fuse
Number of Positions	2

### Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	6000 V
Current Rating (CSA)	22 A
Voltage Rating (IEC)	630 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V
Dielectric Test Voltage	2000 V
Current Rating (UL)	22 A
Current Rating (IEC)	10 A

### Body Features

Product Weight	30.5 g[1.201 oz]
Primary Product Color	Gray & Dark Gray

### 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	20 – 12 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 6 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 10 mm <sup>2</sup>
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 4 mm <sup>2</sup>
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 6 AWG
Wire Stripping Length	13 mm[.512 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.5 – 4 mm <sup>2</sup>
Tool Size	4 mm[.157 in]
Product Depth	76.3 mm
Product Length	76.3 mm[3 in]
Product Height	74.3 mm
Rated Cross Section	10 mm <sup>2</sup>
Product Spacing	8 mm[.315 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](https://www.te.com)>

EU RoHS Directive 2011/65/EU	Compliant
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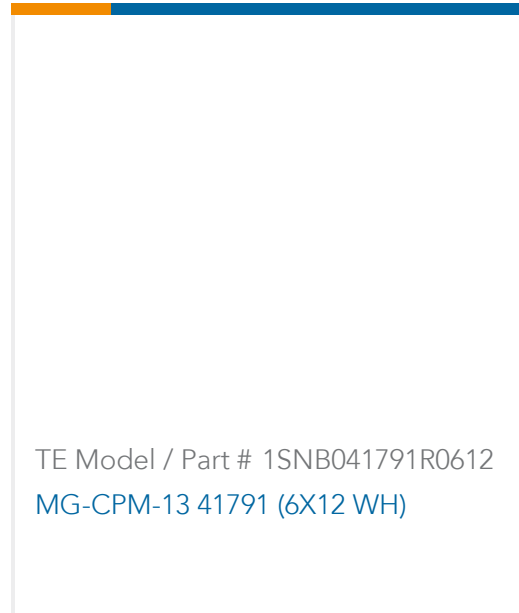
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197) Does not contain REACH SVHC
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JAN 2019 (197)
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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Compatible Parts

 <p>TE Model / Part # 1SNK900611R0000 UMH</p>	 <p>TE Model / Part # 1SNK900201R0000 TC5-R1</p>	 <p>TE Model / Part # 1SNK908305R0000 JB8-5</p>	 <p>TE Model / Part # 1SNK900200R0000 TC5</p>
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### Customers Also Bought





## Documents

### CAD Files

[3D PDF](#)

[3D](#)

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1SNK508421R0000\\_A.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1SNK508421R0000\\_A.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1SNK508421R0000\\_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 Blocks Catalogue \(RUS\)](#)

[ZS10-SF-R1](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

[ENTRELEC Terminal Block - Master Catalog](#)

English