## 1SNK508415R0000 V ACTIVE



### ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK508415R0000

Modular Terminal Blocks, Fuse, Screw Clamp Terminal Block, Gray & Dark Gray, Product Spacing .315 in [8 mm], 2 Position, DIN Rail,

ENTRELEC SNK

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Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: Fuse

Modular Terminal Block Product Type: Screw Clamp Terminal Block

Primary Product Color: Gray & Dark Gray

Modular Terminal Block Product Type

Product Spacing: 8 mm [.315 in]

Number of Positions: 2

### **Features**

## **Product Type Features**

31	ı		
Configuration Features			
Gauge Type	A3-B3		
Number of Levels	1		
Number of Circuits	1		
Block Function	Fuse		
Number of Positions	2		
Electrical Characteristics			
Impulse Withstanding Voltage Rating (IEC)	8000 V		
Current Rating (CSA)	6.3 A		
Voltage Rating (IEC)	630 V		
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	300 V		
Voltage Rating (CSA)	300 V		
Dielectric Withstanding Voltage (Max)	2200 V		
Current Rating (UL)	10 A		
Current Rating (IEC)	6.3 A		

Screw Clamp Terminal Block

**Body Features** 



Primary Product Color  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 Femule per Screw Clamp  Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp  Main Circuit Capacity - 1 Insulated Femule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Femule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Femule per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  Tool Size  3.5 mm[,138 in]  Product Depth  Product Length  Product Length  Product Ileight  Product Spacing  8 mm[,315 in]  Usage Conditions  Installation Lemperature Range  -5 - 40 °C[23 - 104 °F]  Source Clamp Class Cl					
Mechanical Attachment  DIN Rail Mounting Type  Connector Mounting Type  DIN Rail  Housing Features  Housing Material  Polyamide  Dimensions  Main Circuit Capacity Twin Ferrule per Screw Clamp  Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp  Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw  Clamp  Wire Stripping Length  11 rurn[433 in]  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw  Clamp  Tool Size  3.5 mm[,138 in]  Product Length  45.6 mm  Product Length  Product Length  Product Leight  S9.7 rum  Product Spacing  Usage Conditions  Installation Temperature Range  -5 – 40 °C[23 – 104 °F]  Usage Conditions  Installation Temperature Range  -55 – 110 °C[-67 – 230 °F]  Industry Standards  IP Rating  IP 20	Product Weight	13.3 g[.524 oz]			
DIN Rail Mounting Type  Connector Mounting Type  DIN Rail  Housing Features  Housing Material  Polyamide  Dimensions  Main Circuit Capacity - Twin Ferrule per Screw Clamp  Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp  Main Circuit Capacity - 1 Insulated Lerrule per Screw Clamp  Main Circuit Capacity - 1 Insulated Lerrule per Screw Clamp  Main Circuit Capacity - 1 Non Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw  Clamp  Wire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw  Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  Product Spacing  8 mm[.315 in]  Usage Conditions  Installation Temperature Range  -5 – 40 °C[23 – 104 °F]  Operating Temperature Range  1P Rating  IP20	Primary Product Color	Gray & Dark Gray			
Connector Mounting Type  Housing Features  Housing Material  Polyamide  Dimensions  Main Circuit Capacity - Twin Ferrule per Screw Clamp  Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp  Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw  Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductors per Screw  Clamp  Wire Stripping Length  11 mml, 433 in]  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw  Clamp  Tool Size  3.5 mml, 138 in]  Product Depth  45.6 mm  Product Length  Product Spacing  8 mm(,315 in]  Usage Conditions  Installation Temperature Range  -5 = 40 °C[23 - 104 °F]  Coperating Temperature Range  IP Rating  IP 20	Mechanical Attachment				
Housing Features  Housing Material Polyamide  Dimensions  Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp 24 – 14 AWG  Main Circuit Capacity - 1 Insulated Ferrule 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 27 – 4 mm²  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp 2 – 2.2.5 mm²  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp 2 – 10 AWG  Clamp  Wire Stripping Length 11 mm[,433 in]  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw 2 – 2.5 mm²  Clamp  Tool Size 3.5 mm[,138 in]  Product Depth 45.6 mm  Product Length 45.6 mm  Product Spacing 8 mm[,315 in]  Usage Conditions  Installation Temperature Range 5 40 °C[23 104 °F]  Operating Temperature Range 15 – 110 °C[-67 – 230 °F]  Industry Standards  IP Rating IP20	DIN Rail Mounting Type	TH35-15, TH35-7.5			
Housing Material  Polyamide  Dimensions  Main Circuit Capacity - Twin Ferrule per Screw Clamp  Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp  Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw  Clamp  Wire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw  Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  Product Height  59.7 mm  Product Spacing  8 mm[.315 in]  Usage Conditions  Installation Temperature Range  -5 - 40 °C 23 - 104 °F   Operating Temperature Range  1F Rating  IP 20	Connector Mounting Type	DIN Rail			
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 mm²       Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp     .2 – 2.5 mm²       Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw     24 – 10 AWG       Clamp     11 mm[.433 in]       Wire Stripping Length     11 mm[.433 in]       Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw     .2 – 2.5 mm²       Clamp     .2 – 2.5 mm²       Tool Size     3.5 mm[.138 in]       Product Depth     45.6 mm       Product Length     45.6 mm[1.8 in]       Product Height     59.7 mm       Product Spacing     8 mm[.315 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	Housing Features				
Main Circuit Capacity - Twin Ferrule per Screw Clamp  Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp  Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Wire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  Product Height  59.7 mm  Product Spacing  Usage Conditions  Installation Temperature Range  -5 – 40 °C[23 – 104 °F]  Operating Temperature Range  Industry Standards  IP Rating  IP 20	Housing Material	Polyamide			
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp  Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw  Clamp  Wire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw  Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  Product Height  59.7 mm  Product Spacing  Usage Conditions  Installation Temperature Range  Operating Temperature Range  IP Rating  IP 20	Dimensions				
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Wire Stripping Length  11 mm[.433 in]  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  45.6 mm[1.8 in]  Product Spacing  8 mm[.315 in]  Usage Conditions  Installation Temperature Range  -5 - 40 °C[23 - 104 °F]  Operating Temperature Range  Industry Standards  IP Rating  IP 20	Main Circuit Capacity - Twin Ferrule per Screw Clamp	24 – 14 AWG			
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp  Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Mire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  Tool Size  Product Depth  Product Length  Product Length  Product Spacing  Mamm[.315 in]  Usage Conditions  Installation Temperature Range  -55 – 110 °C[-67 – 230 °F]  Industry Standards  IP Rating  IP 20	Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 10 AWG			
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp  Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Wire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  7.2 - 2.5 mm²  1.1 mm[.433 in]  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  7.2 - 2.5 mm²  1.5 mm[.138 in]  Product Depth  8.6 mm  Product Length  Product Height  59.7 mm  Product Spacing  8 mm[.315 in]  Usage Conditions  Installation Temperature Range  -5 - 40 °C[23 - 104 °F]  Operating Temperature Range  Inclustry Standards  IP Rating	Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 12 AWG			
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp  Wire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  45.6 mm[1.8 in]  Product Height  59.7 mm  Product Spacing  Usage Conditions  Installation Temperature Range  -5 - 40 °C[23 - 104 °F]  Operating Temperature Range  Industry Standards  IP Rating  P24 - 10 AWG  24 - 10 AWG  25 - 2.5 mm²  2 - 2.5 mm²  4 - 2.5 mm²  18 in]  Product Depth  4 - 2.5 mm²  4 - 2.5 mm²  5 - 40 °C[23 - 104 °F]  18 in]  Industry Standards	Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm²			
Clamp  Wire Stripping Length  Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  45.6 mm[1.8 in]  Product Height  59.7 mm  Product Spacing  8 mm[.315 in]  Usage Conditions  Installation Temperature Range  -5 - 40 °C[23 - 104 °F]  Operating Temperature Range  1P Rating  IP 20	Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.2 – 2.5 mm²			
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp  Tool Size  3.5 mm[.138 in]  Product Depth  45.6 mm  Product Length  45.6 mm[1.8 in]  Product Height  59.7 mm  Product Spacing  8 mm[.315 in]  Usage Conditions  Installation Temperature Range  -5 - 40 °C[23 - 104 °F]  Operating Temperature Range  Industry Standards  IP Rating  IP20		24 – 10 AWG			
Clamp Tool Size 3.5 mm[.138 in]  Product Depth 45.6 mm  Product Length 45.6 mm[1.8 in]  Product Height 59.7 mm  Product Spacing 8 mm[.315 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	Wire Stripping Length	11 mm[.433 in]			
Product Depth 45.6 mm  Product Length 45.6 mm[1.8 in]  Product Height 59.7 mm  Product Spacing 8 mm[.315 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		.2 – 2.5 mm <sup>2</sup>			
Product Length 45.6 mm[1.8 in]  Product Height 59.7 mm  Product Spacing 8 mm[.315 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	Tool Size	3.5 mm[.138 in]			
Product Height 59.7 mm  Product Spacing 8 mm[.315 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	Product Depth	45.6 mm			
Product Spacing 8 mm[.315 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	Product Length	45.6 mm[1.8 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	Product Height	59.7 mm			
Installation Temperature Range -5 – 40 °C[23 – 104 °F]  Operating Temperature Range -55 – 110 °C[-67 – 230 °F]  Industry Standards  IP Rating IP20	Product Spacing	8 mm[.315 in]			
Operating Temperature Range -55 – 110 °C[-67 – 230 °F]  Industry Standards  IP Rating  IP20	Usage Conditions				
Industry Standards  IP Rating  IP20	Installation Temperature Range	-5 - 40 °C[23 - 104 °F]			
IP Rating IP20	Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]			
$\mathcal{S}$	Industry Standards				
UL Flammability Rating  UL 94V-0	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 2023 (235) Candidate List Declared Against: JUNE 2022 (224) 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**







































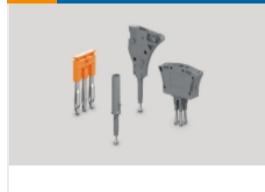


TE Part # 1SNA008292R0100 FU520

## Also in the Series | ENTRELEC SNK







Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

# Customers Also Bought























#### **Documents**

#### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_1SNK508415R0000\_A.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1SNK508415R0000\_A.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_1SNK508415R0000\_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

ZS4-SF1-R4

English

SNK SERIES TERMINAL BLOCKS

English

**ENTRELEC Terminal Blocks Catalogue (RUS)**