



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Modular Terminal Block Product Type: **Female Plug Terminal Block**

Primary Product Color: **Gray**

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

Number of Positions: **2**

Operating Temperature Range: **-55 – 110 °C [-67 – 230 °F]**

Features

Housing Features

Housing Material	Polyamide
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Industry Standards

IP Rating	IP20
UL Flammability Rating	UL 94V-0

Electrical Characteristics

Power Loss	.5 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	300 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	29 A
Current Rating (UL)	28 A
Current Rating (CSA)	28 A
Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	800 V
Voltage Rating (CSA)	300 V
Short-Time Withstanding Current Rating @ 1s	480 A

Usage Conditions

Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]



Configuration Features

Gauge Type	A3-B3
Number of Poles	1
Number of Positions	2

Dimensions

Product Depth	39.4 mm
Tool Size	3.5 mm[.138 in]
Wire Stripping Length	10.5 mm[.413 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.22 – 1.5 mm²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.22 – 4 mm²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	.22 – 4 mm²
Product Length	22.35 mm
Product Height	22.4 mm
Product Spacing	6 mm[.236 in]

Body Features

Product Weight	4.14 g[.161 oz]
Primary Product Color	Gray

Product Type Features

Modular Terminal Block Product Type	Female Plug Terminal Block
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1SNK900611R0000
UMH



TE Part # 1SNK150004R0000
MC612-YL



TE Part # 1SNK140004R0000
MC512-YL



TE Part # 1SNK159999R0000
MC612PA



TE Part # 1SNK140000R0000
MC512



TE Part # 1SNK806013R0000
ZDS4-22-R1



TE Part # 1SNK149999R0000
MC512PA



TE Part # 1SNK900609R0000
PROCAP5



TE Part # 1SNK900612R0000
[PROCAP6](#)

TE Part # 1SNK900637R0000
[VR-ZD](#)

TE Part # 1SNK150000R0000
[MC612](#)

Also in the Series | [ENTRELEC SNK](#)

[Modular Terminal Blocks\(319\)](#)

[Terminal Block & Strip Conducting Accessories\(67\)](#)

[Terminal Block & Strip Insulating Accessories\(31\)](#)

Customers Also Bought

TE Part #1SNK505010R0000
[ZS4](#)

TE Part #1SNA173523R1100
[PC81-10](#)

TE Part #1SNA400711R0600
[PC8-R1](#)

TE Part #1SNK508311R0000
[ZS10-ST-T4](#)

TE Part #1SNA166625R2000
[CC-E-VA-6.6](#)

TE Part #1SNA166627R2200
[TC-E-VA-2-2](#)

TE Part #1SNA166778R1100
[COR-C-R2-6.6](#)

TE Part #1SNA166978R0000
[COR-P-R1-8.8](#)

TE Part #1SNA167933R1600
[COR-T-R5-2.2](#)

TE Part #1SNA199136R1000
[BNT3](#)



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK806714R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK806714R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK806714R0000_A.3d_stp.zip

English

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Datasheets & Catalog Pages

CDS4-R1

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

ENTRELEC Terminal Block - Master Catalog

ENTRELEC Terminal Block - Master Catalog

English

Essential Entrelec Terminal Blocks

French

Essential Entrelec Terminal Blocks

English

Essential Entrelec Terminal Blocks

Japanese

Agency Approvals

UL

English