



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Rated Cross Section: **10 mm²**

Primary Product Color: **Black**

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	Feed-Through
Number of Positions	2

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	42 A
Power Loss	1.8 W
Short-Time Withstanding Current Rating @ 1s	1200 A
Voltage Rating (IEC)	1000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V



Dielectric Test Voltage	2200 V
Current Rating (UL)	42 A
Current Rating (IEC)	57 A

Body Features

Product Weight	14.1 g[.555 oz]
Primary Product Color	Black

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 mm²
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 4 mm²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 6 AWG
Wire Stripping Length	12 mm[.472 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.5 – 4 mm²
Tool Size	4 mm[.157 in]
Product Depth	47.3 mm
Product Length	47.3 mm[1.86 in]
Product Height	53 mm
Rated Cross Section	10 mm²
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

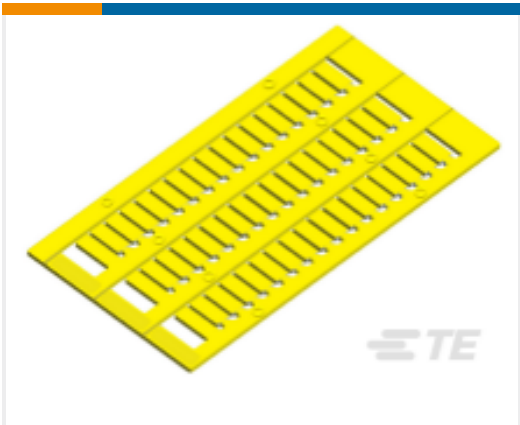
For compliance documentation, visit the product page on TE.com>

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	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 # 1SNK160004R0000
MC812-YL



TE Part # 1SNK505910R0000
ES4



















TE Part # 1SNK900001R0000
BAM4


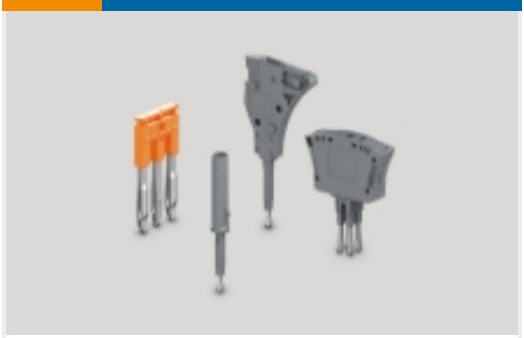



TE Part # 1SNK900002R0000
BAZ1



 <p>TE Part # 1SNK900101R0000 CS</p>	 <p>TE Part # 1SNK900103R0000 CS-R1</p>	 <p>TE Part # 1SNK900104R0000 ES-TC8</p>	 <p>TE Part # 1SNK900203R0000 TP2</p>
 <p>TE Part # 1SNK900603R0000 JB85-3</p>	 <p>TE Part # 1SNK900620R0000 PL8</p>	 <p>TE Part # 1SNK900624R0000 KCO</p>	 <p>TE Part # 1SNK908302R0000 JB8-2</p>
 <p>TE Part # 1SNK908303R0000 JB8-3</p>	 <p>TE Part # 1SNK908305R0000 JB8-5</p>	 <p>TE Part # 1SNA164800R0300 PR3.G2</p>	 <p>TE Part # 1SNA168500R1200 PR4</p>
 <p>TE Part # 1SNA168700R2200 PR5</p>	 <p>TE Part # 1SNA173220R0500 PR30</p>	 <p>TE Part # 1SNA174300R1700 PR3.Z2</p>	 <p>TE Part # 1SNK160000R0000 MC812</p>

Also in the Series | ENTRELEC SNK

 <p>Modular Terminal Blocks(318)</p>	 <p>Terminal Block & Strip Conducting Accessories(67)</p>	 <p>Terminal Block & Strip Insulating Accessories(30)</p>
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Customers Also Bought





TE Part #1879451-9
TE 600W 4R7 5% Bracket



TE Part #165085
PG WIRE PIN 12-10



TE Part #1SNK505910R0000
ES4



TE Part #2160103003
55A0111-14-9



TE Part #5-1393302-1
V23134A0053C643-EV-CBOX



TE Part #1SNK506150R0000
ZS6-PE



TE Part #1SNK508020R0000
ZS10-BL



TE Part #1SNK508150R0000
ZS10-PE



TE Part #ZPF000000000008066
983-6K 08-03 SN

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1SNK508066R0000_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK508066R0000_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK508066R0000_A1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ENTRELEC Terminal Block - Master Catalog](#)

English

[ZS10-BK](#)

English



SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Agency Approvals

ZK-ZS_ATEX_1SND225112U1006-C-TE

English