



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



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

Block Function: **Feed-Through**

Primary Product Color: **Gray**

Product Spacing: **8 mm [.315 in]**

Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

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

Electrical Characteristics

Power Loss	1.8 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	57 A
Current Rating (UL)	42 A
Current Rating (CSA)	42 A



Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	1200 A
Operating Voltage	600 VAC

Body Features

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

Termination Features

Termination Method to Wire & Cable	Screw Terminal
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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

Product Depth	47.3 mm[1.862 in]
Tool Size	4 mm[.157 in]
Wire Stripping Length	12 mm[.472 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	20 – 12 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	20 – 12 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	20 – 12 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 6 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 10 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.5 – 6 mm²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 6 AWG
Product Length	47.3 mm[1.86 in]
Product Height	53 mm[2.087 in]
Product Spacing	8 mm[.315 in]
Wire Size	6 AWG

Usage Conditions



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

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

IP Rating	IP20
UL Flammability Rating	UL 94V-0

Product Compliance

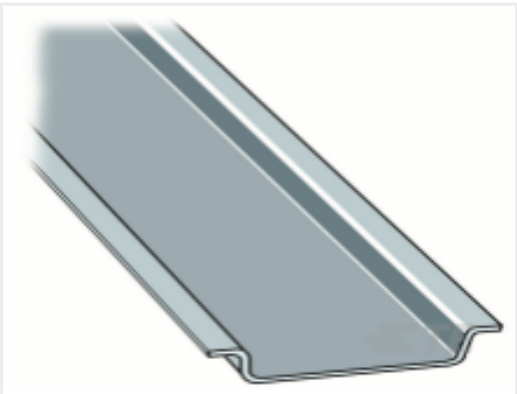
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 1SNA164800R0300
PR3.G2



TE Part # 1SNK900620R0000
PL8



TE Part # 1SNK908304R0000
JB8-4



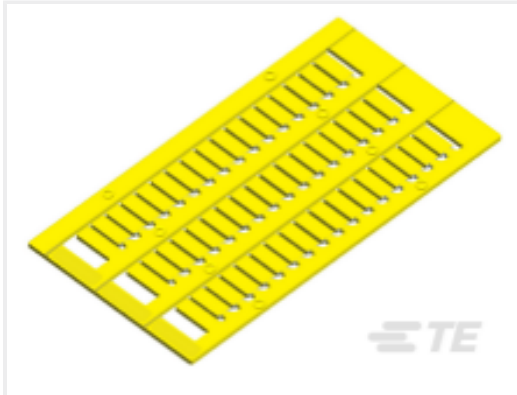
TE Part # 1SNK900624R0000
KCO



TE Part # 1SNK908310R0000
JB8-10



TE Part # 1SNK908305R0000
JB8-5



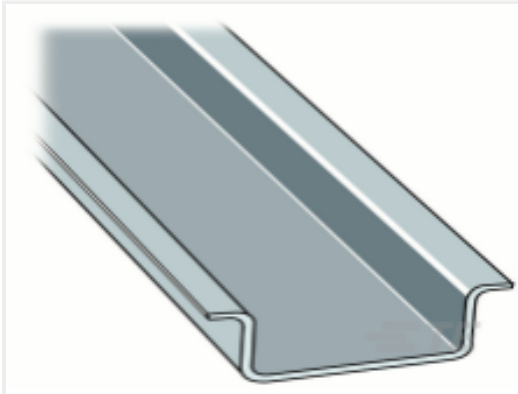
TE Part # 1SNK160004R0000
MC812-YL



TE Part # 1SNK169999R0000
MC812PA



TE Part # 1SNK908303R0000
JB8-3



TE Part # 1SNA168700R2200
PR5



TE Part # 1SNK900205R0000
TP4



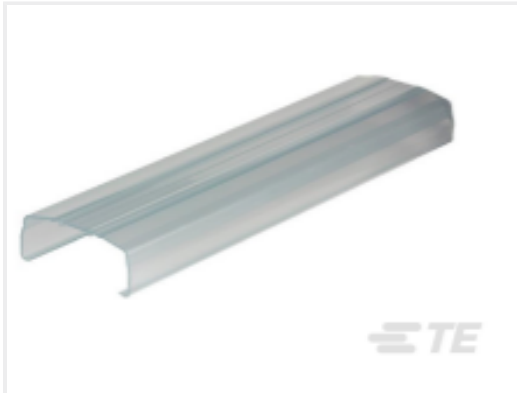
TE Part # 1SNK900603R0000
JB85-3



TE Part # 1SNK900200R0000
TC5



TE Part # 1SNK900002R0000
BAZ1



TE Part # 1SNK900604R0000
CO



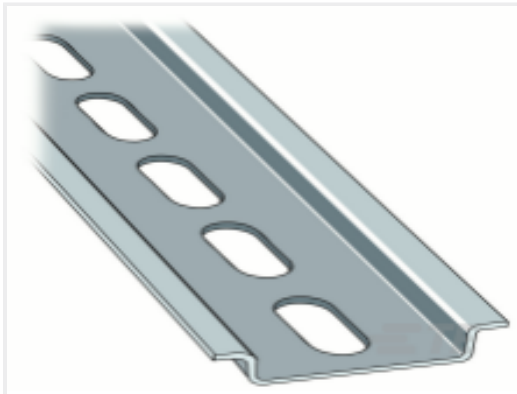
TE Part # 1SNK900103R0000
CS-R1



TE Part # 1SNK900104R0000
ES-TC8



TE Part # 1SNK900611R0000
UMH

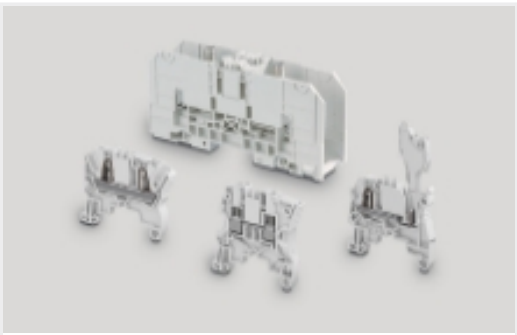


TE Part # 1SNA173220R0500
PR30



TE Part # 1SNK160000R0000
MC812

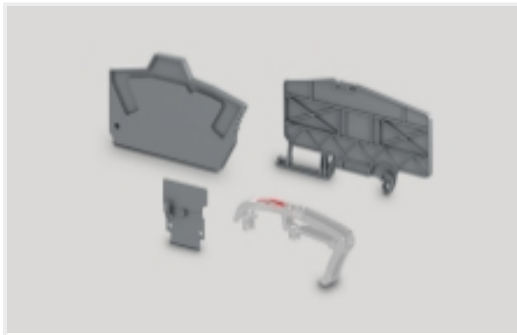
Also in the Series | **ENTRELEC SNK**



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 #1SNK505210R0000
ZS4-D2



TE Part #1SNK506020R0000
ZS6-BL



TE Part #1SNK510150R0000
ZS16-PE



TE Part #1SNK516011R0000
ZS50



TE Part #1SNK522010R0000
ZS70



TE Part #1SNK506150R0000
ZS6-PE



TE Part #1SNK506010R0000
ZS6



TE Part #1SNK510020R0000
ZS16-BL



TE Part #1SNK516010R0000
ZS35

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1SNK508010R0000_A1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK508010R0000_A1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_1SNK508010R0000_A1.2d_dxf.zip

1SNK508010R0000

Screw Clamp Terminal Block, Feed-Through, Gray, 8 mm [.315 in] Spacing, 2 Position, Screw Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



English

[3D PDF](#)

3D

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

Datasheets & Catalog Pages

[ZS10](#)

English

[ENTRELEC Terminal Block - Master Catalog](#)

[ENTRELEC Terminal Block - Master Catalog](#)

English

[SNK SERIES TERMINAL BLOCKS](#)

English

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

[Essential Entrelec Terminal Blocks](#)

French

[Essential Entrelec Terminal Blocks](#)

English

[Essential Entrelec Terminal Blocks](#)

Japanese

Agency Approvals

[ZK-ZS_ATEX_1SND225112U1006-C-TE](#)

English