



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**
Modular Terminal Block Product Type: **Screw Clamp Terminal Block**
Primary Product Color: **Blue**
Product Spacing: **8 mm [.315 in]**
Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
-------------------------------------	----------------------------

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	Blue

Termination Features

Termination Method to Wire & Cable	Screw Terminal
------------------------------------	----------------

Mechanical Attachment

DIN Rail Mounting Type	TH35-15, TH35-7.5
Connector Mounting Type	DIN Rail

Housing Features

Housing Material	Polyamide
------------------	-----------

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
---------------------	----------------

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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

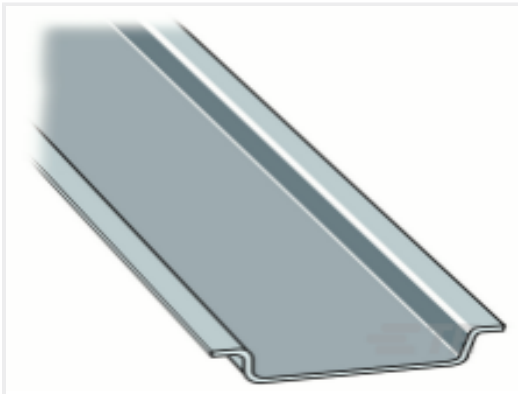
Product Compliance Disclaimer

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 # 1SNK900203R0000
TP2



TE Part # 1SNA174300R1700
PR3.Z2



TE Part # 1SNK908302R0000
JB8-2



TE Part # 1SNK505910R0000
ES4



TE Part # 1SNK900201R0000
TC5-R1



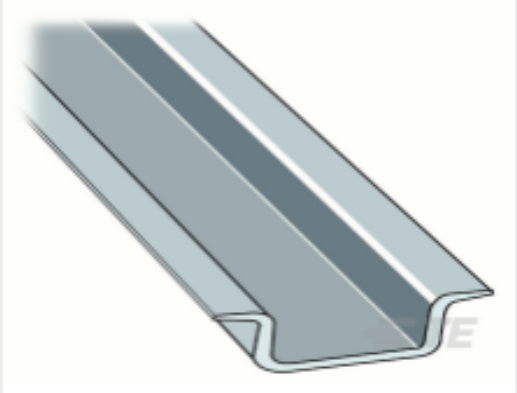
TE Part # 1SNK160000R0000
MC812



TE Part # 1SNK900613R0000
PROCAP8



TE Part # 1SNK900001R0000
BAM4



TE Part # 1SNA168500R1200
PR4



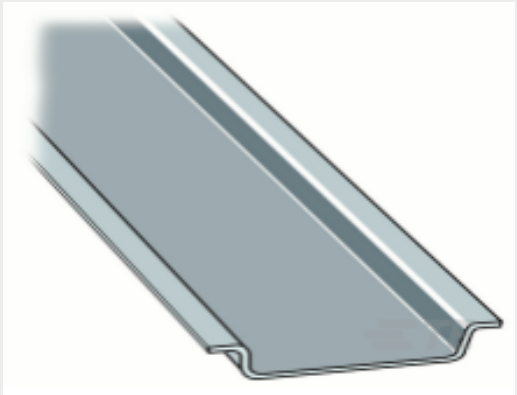
TE Part # 1SNK900101R0000
CS



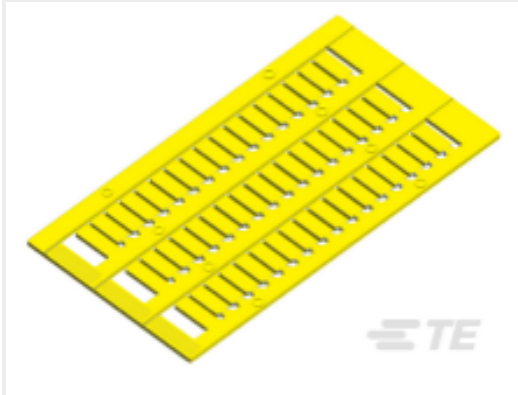
TE Part # 1SNK908303R0000
JB8-3



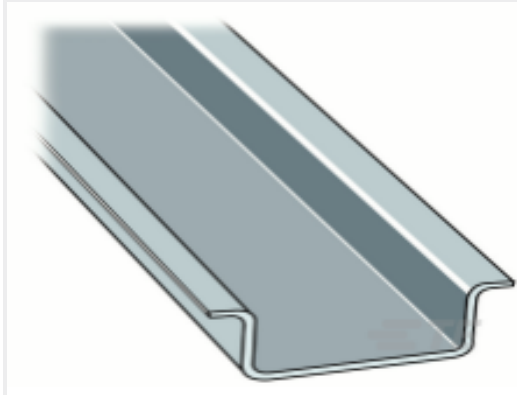
TE Part # 1SNK169999R0000
MC812PA



TE Part # 1SNA164800R0300
PR3.G2



TE Part # 1SNK160004R0000
MC812-YL



TE Part # 1SNA168700R2200
PR5



TE Part # 1SNK908304R0000
JB8-4



TE Part # 1SNK900205R0000
TP4



TE Part # 1SNK900620R0000
PL8

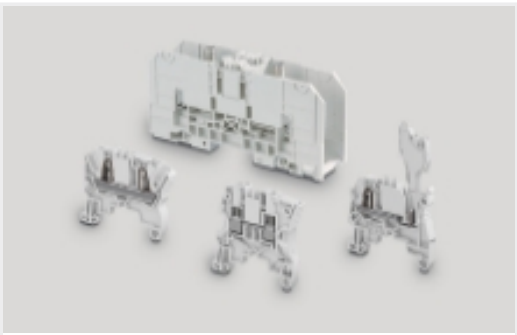


TE Part # 1SNK908305R0000
JB8-5



TE Part # 1SNK900624R0000
KCO

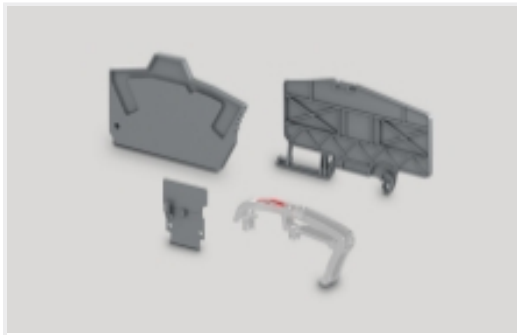
Also in the Series | **ENTRELEC SNK**



Modular Terminal Blocks(319)

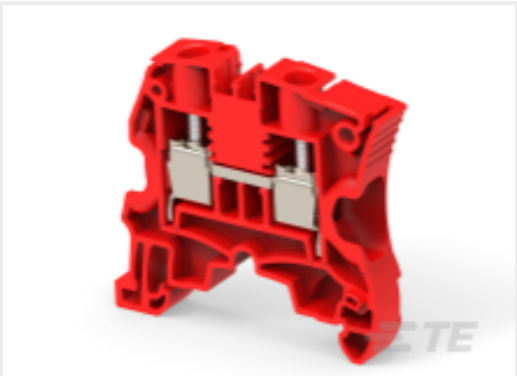


Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #1SNK508062R0000
ZS10-RD



TE Part #1SNK512020R0000
ZS25-BL



TE Part #1SNA195120R1000
M10/10



TE Part #1SNK505010R0000
ZS4



TE Part #1SNK508010R0000
ZS10



TE Part #1SNK505020R0000
ZS4-BL



TE Part #1SNK505061R0000
ZS4-GN



TE Part #1SNK510010R0000
ZS16



TE Part #1SNK508066R0000
ZS10-BK



TE Part #1SNK506010R0000
ZS6

Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1SNK508020R0000_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK508020R0000_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK508020R0000_A1.2d_dxf.zip](#)

1SNK508020R0000

Screw Clamp Terminal Block, Feed-Through, Blue, 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-BL

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