



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**
Modular Terminal Block Product Type: **Screw Clamp Terminal Block**
Primary Product Color: **Gray**
Product Spacing: **6 mm [.236 in]**
Number of Positions: **4**

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	A4-B3
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	4

Electrical Characteristics

Power Loss	1 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	32 A
Current Rating (UL)	30 A
Current Rating (CSA)	30 A



Dielectric Withstanding Voltage (Max)	2000 V
Voltage Rating (IEC)	800 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	480 A
Operating Voltage	600 VAC

Body Features

Product Weight	15 g[.591 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	48.2 mm[1.898 in]
Tool Size	4 mm[.157 in]
Wire Stripping Length	10.5 mm[.413 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	24 – 14 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	24 – 14 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.2 – 2.5 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 – 6 mm²
Product Length	48.2 mm[1.898 in]
Product Height	72.7 mm[2.862 in]
Product Spacing	6 mm[.236 in]
Wire Size	10 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>

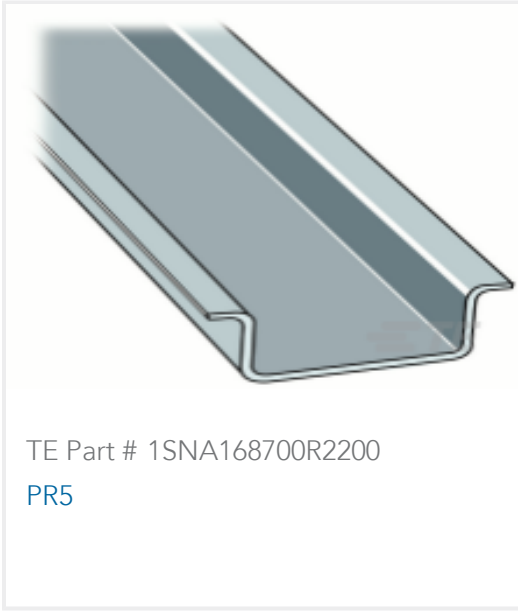
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 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

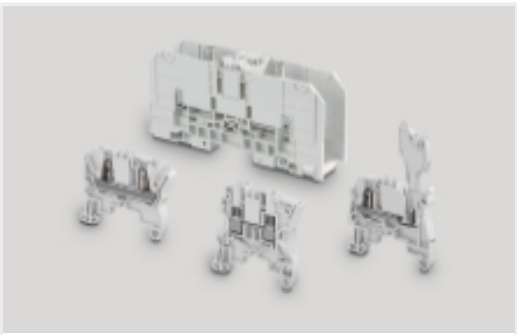
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1SNK900611R0000 UMH	 TE Part # 1SNK900002R0000 BAZ1	 TE Part # 1SNK900103R0000 CS-R1	 TE Part # 1SNA173220R0500 PR30
 TE Part # 1SNA164800R0300 PR3.G2	 TE Part # 1SNA168700R2200 PR5	 TE Part # 1SNK900205R0000 TP4	 TE Part # 1SNK906302R0000 JB6-2
 TE Part # 1SNK906304R0000 JB6-4	 TE Part # 1SNK900603R0000 JB85-3	 TE Part # 1SNK140000R0000 MC512	 TE Part # 1SNK900203R0000 TP2
 TE Part # 1SNA178529R0400 PR50	 TE Part # 1SNA174300R1700 PR3.Z2	 TE Part # 1SNK159999R0000 MC612PA	 TE Part # 1SNK150004R0000 MC612-YL
 TE Part # 1SNK900105R0000 ES-TC6	 TE Part # 1SNK140004R0000 MC512-YL	 TE Part # 1SNK906305R0000 JB6-5	 TE Part # 1SNK906310R0000 JB6-10

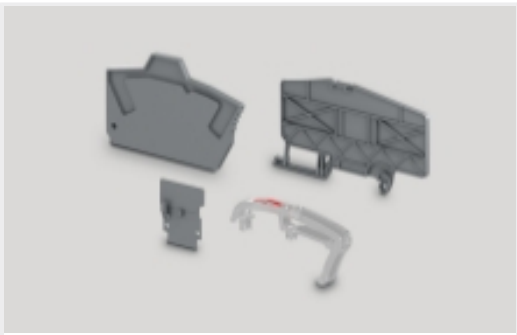
Also in the Series | **ENTRELEC SNK**



Modular Terminal Blocks(319)



Terminal Block & Strip Conducting Accessories(67)

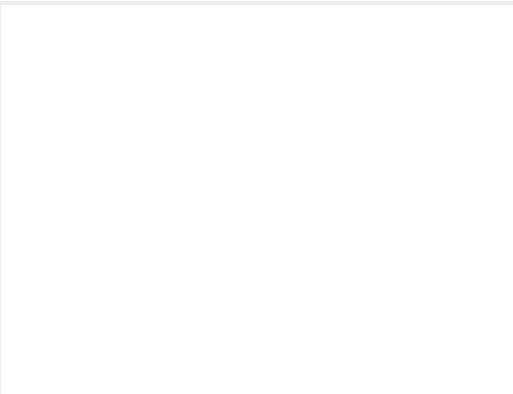


Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #1SNK159999R0000
MC612PA



TE Part #1SNA113373R2600
FEM8



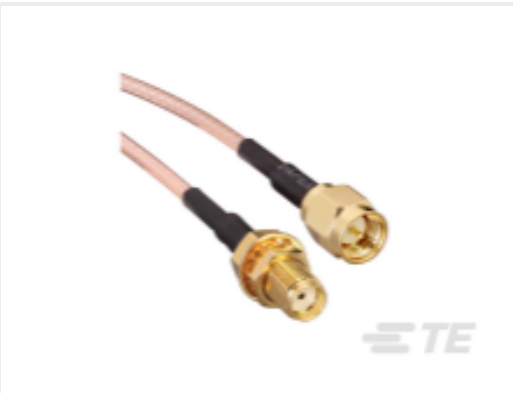
TE Part #1SNK900001R0000
BAM4



TE Part #1SNK905304R0000
JB5-4



TE Part #1SNK506010R0000
ZS6



TE Part #CSE-SGAM-610-SGFB
SMA to SMA 610mm RG316



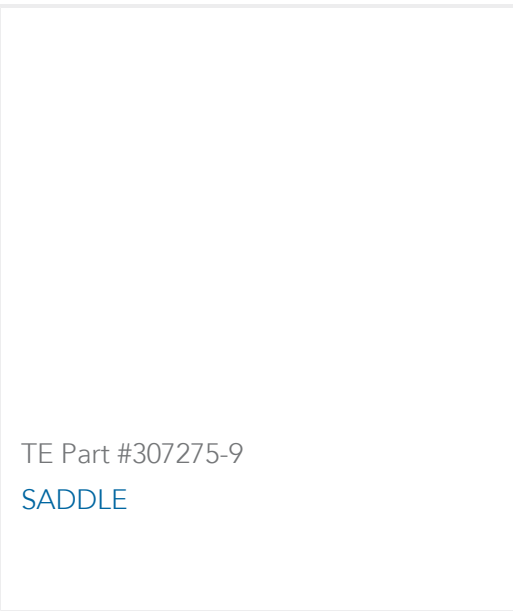
TE Part #282832-6
TERMI-BLOK PIN HEAD 180 6P. 5



TE Part #2410329-4
RF CA,UMCC GEN1-GEN1,1.37MM CABLE,L200MM



TE Part #5050865-8
SOCKET,MIN-SPR SN SER-4



TE Part #307275-9
SADDLE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK506012R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK506012R0000_A.3d_igs.zip

1SNK506012R0000

Screw Clamp Terminal Block, Feed-Through, Gray, 6 mm [.236 in] Spacing, 4 Position,
Screw Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



English

Customer View Model

ENG_CVM_CVM_1SNK506012R0000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

ZS6-4S

English

ENTRELEC Terminal Block - Master Catalog

ENTRELEC Terminal Block - Master Catalog

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Agency Approvals

ZK-ZS_ATEX_1SND225112U1006-C-TE

English