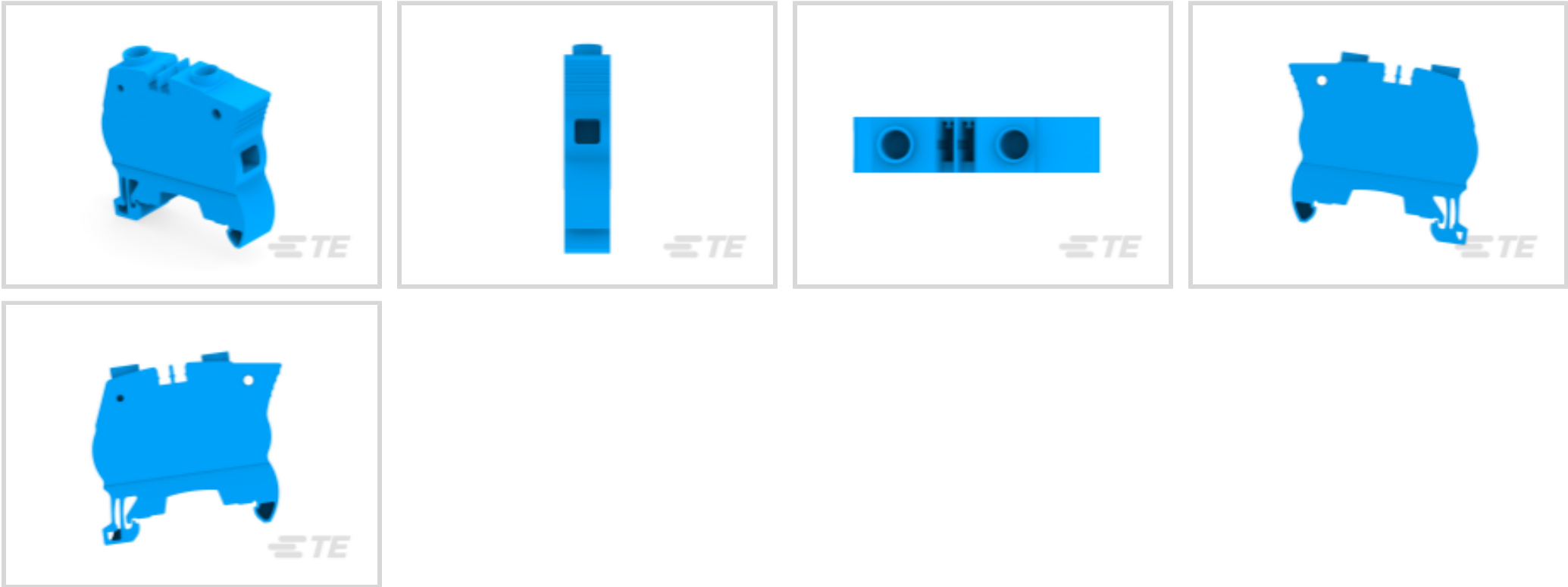




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



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

Block Function: **Feed-Through**

Primary Product Color: **Blue**

Product Spacing: **12 mm [.472 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	A6-B6
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Power Loss	2.4 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	76 A
Current Rating (UL)	100 A
Current Rating (CSA)	100 A



Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	1920 A

Body Features

Product Weight	21.4 g[.843 oz]
Primary Product Color	Blue

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	48.8 mm
Tool Size	5.5 mm[.217 in]
Wire Stripping Length	13.5 mm[.531 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.5 – 10 mm²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 3 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 16 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.5 – 16 mm²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	.5 – 25 mm²
Product Length	48.8 mm
Product Height	56.1 mm
Product Spacing	12 mm[.472 in]

Usage Conditions

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

Industry Standards

IP Rating	IP20
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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 # 1SNK900103R0000
CS-R1



TE Part # 1SNK912303R0000
JB12-3



TE Part # 1SNK900200R0000
TC5



TE Part # 1SNK900604R0000
CO



TE Part # 1SNK900002R0000
BAZ1



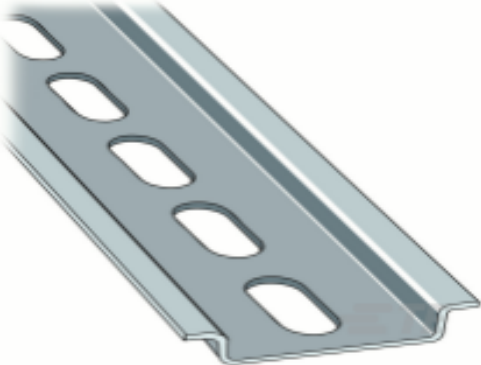
TE Part # 1SNK912305R0000
JB12-5



TE Part # 1SNK900611R0000
UMH



TE Part # 1SNK912302R0000
JB12-2



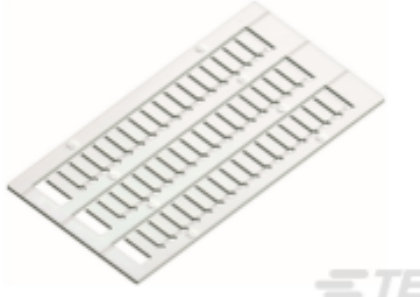
TE Part # 1SNA173220R0500
PR30



TE Part # 1SNK900621R0000
PL10



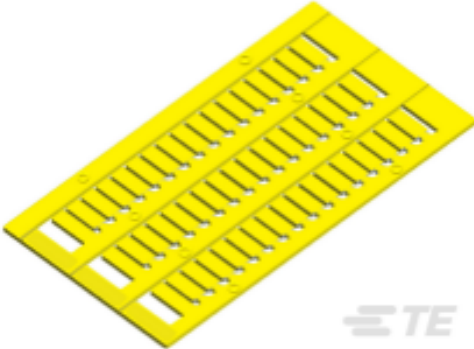
TE Part # 1SNK159999R0000
MC612PA



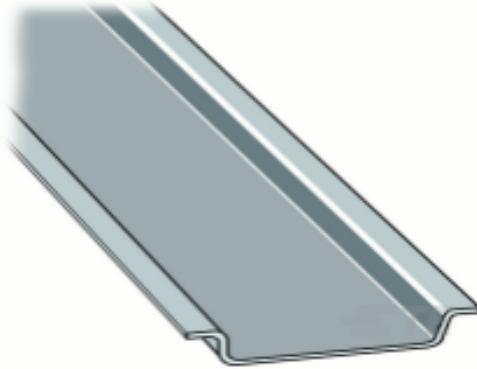
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MC512



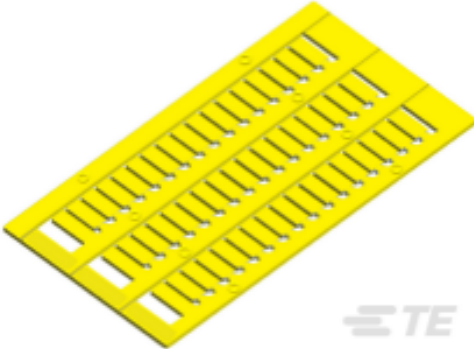
TE Part # 1SNK900201R0000
TC5-R1



TE Part # 1SNK140004R0000
MC512-YL



TE Part # 1SNA174300R1700
PR3.Z2



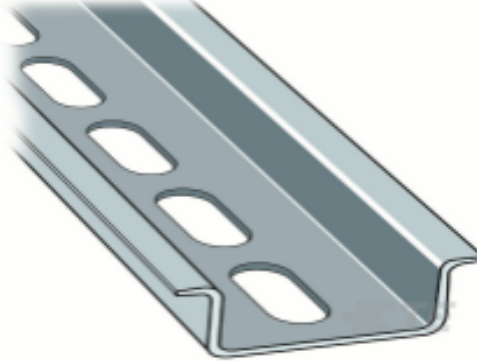
TE Part # 1SNK150004R0000
MC612-YL



TE Part # 1SNK505910R0000
ES4



TE Part # 1SNK900203R0000
TP2

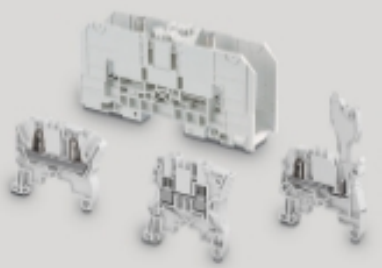


TE Part # 1SNA178529R0400
PR50



TE Part # 1SNK900205R0000
TP4

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 #1802828-2
24W TH HEADER ASSY GREY



TE Part #2317531-1
2X8POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



TE Part #2317525-1
2X5POS,NANOMQS,HDR ASSY,
180DEG,SMD,COD A



TE Part #1SNK508410R0000
ZS4-SF1



TE Part #2311396-1
8POS,TAB0.5X0.4,HDR ASSY,180DEG,
COD A



TE Part #1SNK512150R0000
ZS25-PE



TE Part #1SNK510020R0000
ZS16-BL



TE Part #1SNK508150R0000
ZS10-PE



TE Part #2315405-1
4POS,TAB0.5X0.4,HDR ASSY,90DEG,
COD A



TE Part #1SNK516020R0000
ZS35-BL

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK512020R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK512020R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK512020R0000_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

ZS25-BL

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](#)

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

English