



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Modular Terminal Block Product Type: **PI-Spring Terminal Block**

Block Function: **Feed-Through**

Primary Product Color: **Gray**

Product Spacing: **10 mm [.394 in]**

Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	PI-Spring Terminal Block
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Configuration Features

Number of Levels	1
Gauge Type	A6 & 5.1 mm Dia.
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)	55 A
Current Rating (CSA)	55 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	27.2 g[1.071 oz]
Primary Product Color	Gray

Contact Features

Contact Current Rating (Max)	57 A
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Termination Features

Termination Method to Wire & Cable	Spring 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

Main Circuit Capacity - Twin Ferrule per Spring Clamp	20 – 12 AWG
Product Depth	47.5 mm[1.87 in]
Tool Size	4 mm[.157 in]
Wire Stripping Length	15 mm[.591 in]
Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp	20 – 6 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	20 – 8 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	20 – 8 AWG
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 – 10 mm²
Product Length	47.5 mm[1.87 in]
Product Height	82.5 mm[3.248 in]
Product Spacing	10 mm[.394 in]
Wire Size	10 mm²

Usage Conditions

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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 # 1SNK900002R0000
BAZ1



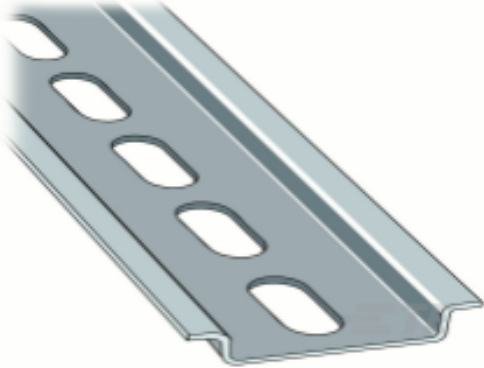
TE Part # 1SNK900641R0000
TO4-100



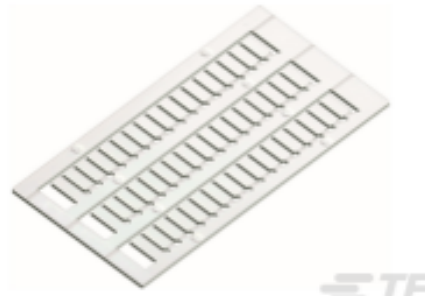
TE Part # 1SNK900107R0000
CS-R3



TE Part # 1SNK900611R0000
UMH



TE Part # 1SNA173220R0500
PR30



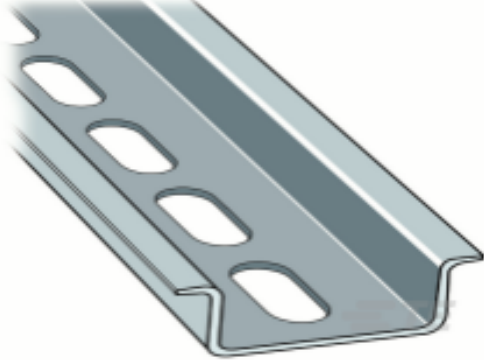
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MC512



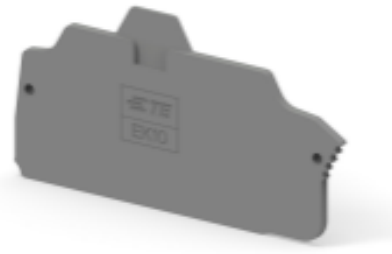
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JB10-10



TE Part # 1SNK159999R0000
MC612PA



TE Part # 1SNA178529R0400
PR50



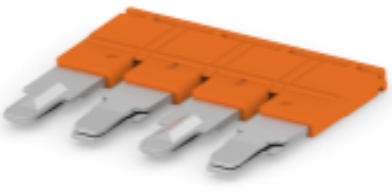
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EK10



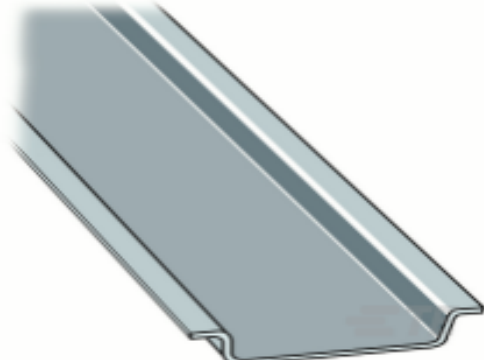
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TP2



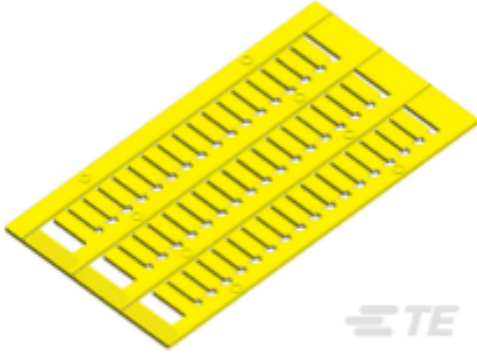
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TO3.5-50-A



TE Part # 1SNK910304R0000
JB10-4



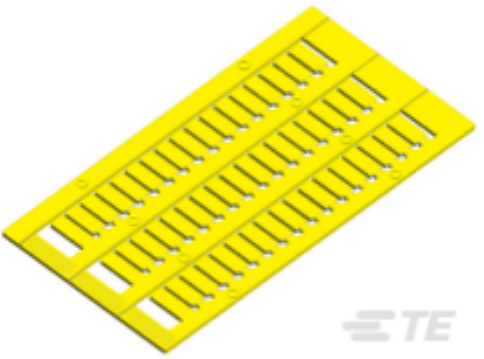
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PR3.Z2



TE Part # 1SNK140004R0000
MC512-YL



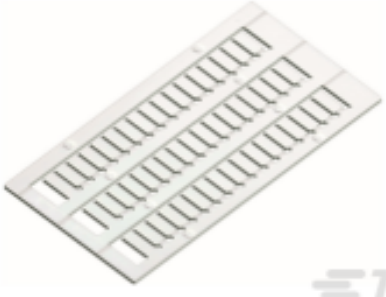
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TC5-R1



TE Part # 1SNK150004R0000
MC612-YL



TE Part # 1SNK149999R0000
MC512PA

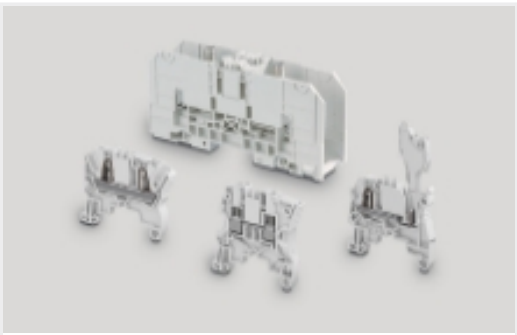


TE Part # 1SNK160000R0000
MC812



TE Part # 1SNK900001R0000
BAM4

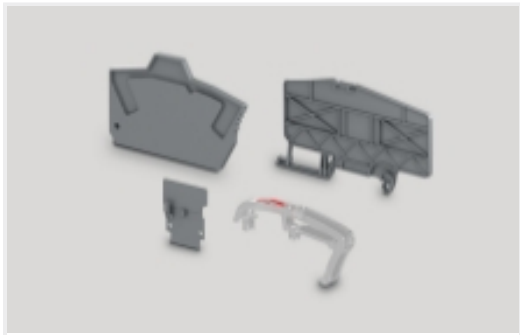
Also in the Series | ENTRELEC SNK



Modular Terminal Blocks(319)

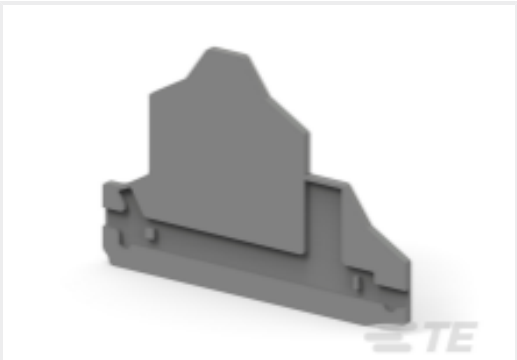


Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

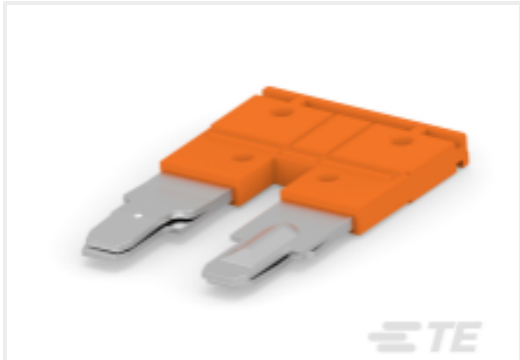
Customers Also Bought



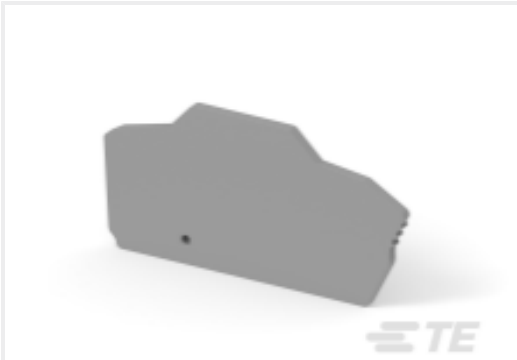
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EK2.5-D2



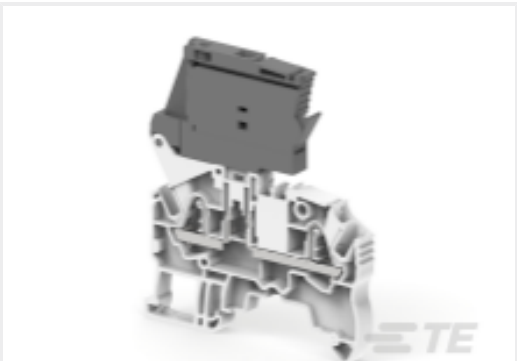
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ZK2.5



TE Part #1SNK912302R0000
JB12-2



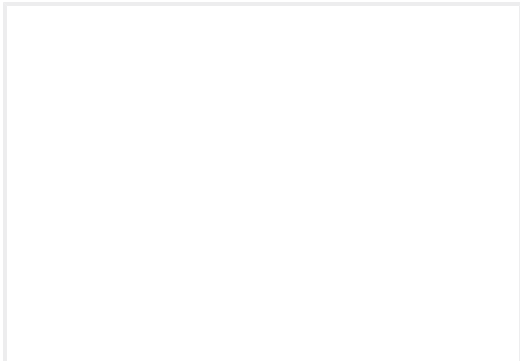
TE Part #1SNK705911R0000
EK2.5-3P



TE Part #1SNK706410R0000
ZK2.5-SF



TE Part #1SNK706012R0000
ZK4-4P



TE Part #1SNA399621R0600
BJDL16-2



TE Part #1SNK710911R0000
EK10-3P



TE Part #1SNK705310R0000
ZK2.5-S



TE Part #1SNK712010R0000
ZK16

Documents

Product Drawings

ZK10

English

CAD Files

Customer View Model

ENG_CVM_CVM_1SNK710010R0000_B1.3d_igs.zip

English

Customer View Model

1SNK710010R0000

PI-Spring Terminal Block, Feed-Through, Gray, 10 mm [.394 in] Spacing, 2 Position, Spring Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



[ENG_CVM_CVM_1SNK710010R0000_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK710010R0000_B1.2d_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

ZK10

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

[Bureau Veritas Marine and Offshore Certificate](#)

English