



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**
Modular Terminal Block Product Type: **PI-Spring Terminal Block**
Primary Product Color: **Black**
Product Spacing: **8 mm [.315 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	A5 & 3.9 mm Dia.
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Power Loss	1.3 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	41 A
Current Rating (UL)	50 A
Current Rating (CSA)	50 A



Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	720 A

Body Features

Product Weight	11.8 g[.465 oz]
Primary Product Color	Black

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	24 – 16 AWG
Product Depth	41.9 mm
Tool Size	3.5 mm[.138 in]
Wire Stripping Length	12.5 mm[.492 in]
Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp	24 – 8 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 – 6 mm²
Product Length	41.9 mm
Product Height	57.5 mm
Product Spacing	8 mm[.315 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
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>

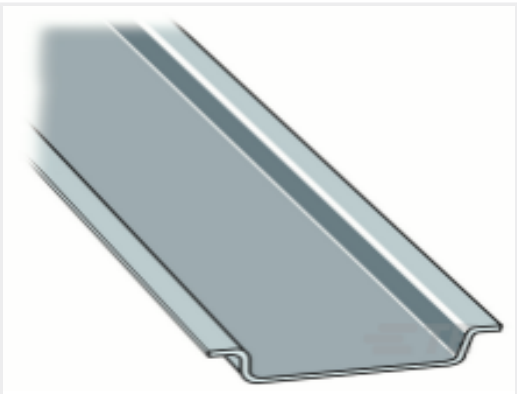
Compatible Parts

TE Part # 1SNK900659R0000
TO3.5-50-A

TE Part # 1SNK140000R0000
MC512

TE Part # 1SNK900203R0000
TP2

TE Part # 1SNA178529R0400
PR50



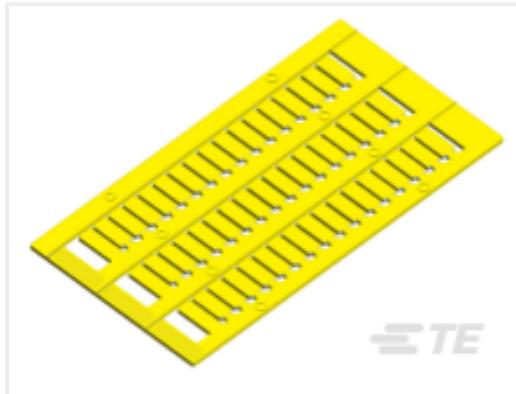
TE Part # 1SNA174300R1700
[PR3.Z2](#)



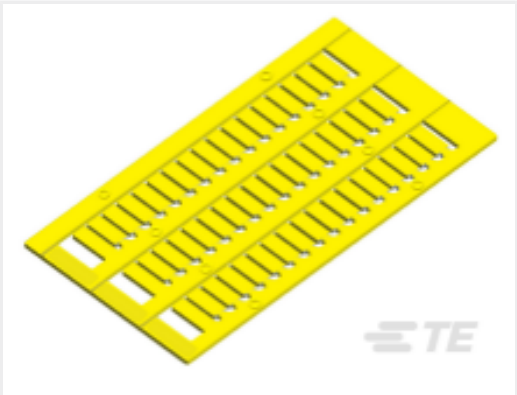
TE Part # 1SNK908302R0000
[JB8-2](#)



TE Part # 1SNK159999R0000
[MC612PA](#)



TE Part # 1SNK150004R0000
[MC612-YL](#)



TE Part # 1SNK140004R0000
[MC512-YL](#)



TE Part # 1SNK900201R0000
[TC5-R1](#)



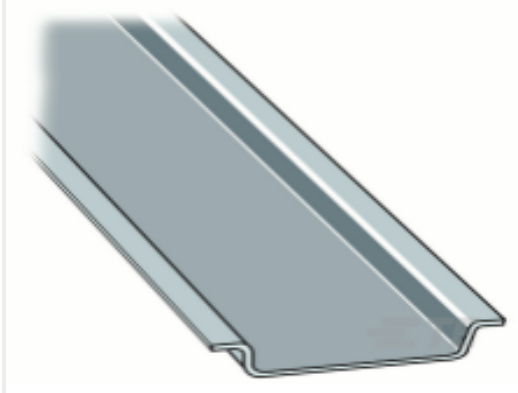
TE Part # 1SNK900102R0000
[BAZH1](#)



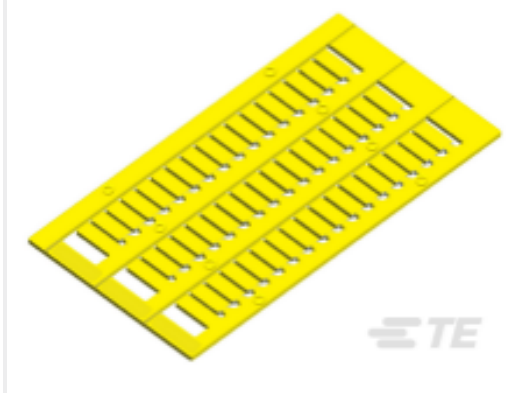
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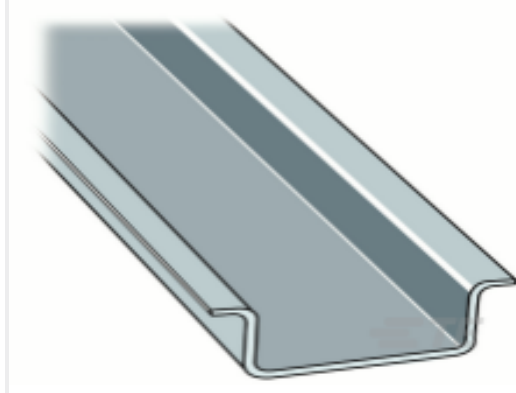
TE Part # 1SNK169999R0000
[MC812PA](#)



TE Part # 1SNA164800R0300
[PR3.G2](#)



TE Part # 1SNK160004R0000
[MC812-YL](#)



TE Part # 1SNA168700R2200
[PR5](#)



TE Part # 1SNK908304R0000
[JB8-4](#)



TE Part # 1SNK900205R0000
[TP4](#)

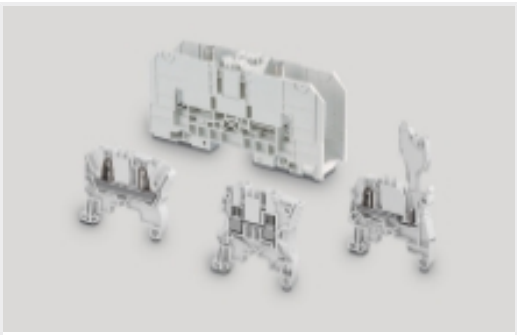


TE Part # 1SNK908305R0000
[JB8-5](#)



TE Part # 1SNK908310R0000
[JB8-10](#)

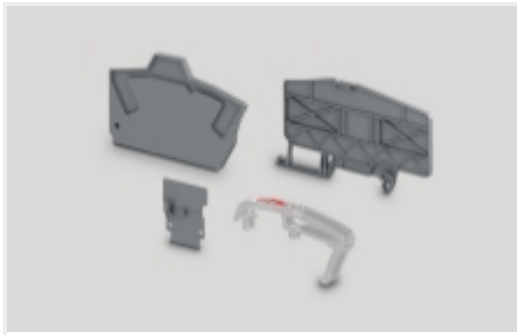
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[Terminal Block & Strip Conducting Accessories\(67\)](#)



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1SNK708066R0000

PI-Spring Terminal Block, Feed-Through, Black, 8 mm [.315 in] Spacing, 2 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], ENTRELEC SNK



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[ZS6-WH](#)

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[ES4-D2](#)

TE Part #1SNK705062R0000
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TE Part #1SNK705020R0000
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TE Part #500031-1
[SPIRAP 1/2" PE, OUTDR,BLK,50FT](#)

TE Part #2176232-1
[3522 130K 1% 3W](#)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1SNK708066R0000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK708066R0000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK708066R0000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

ZK6-BK

English

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PI-Spring Terminal Block, Feed-Through, Black, 8 mm [.315 in] Spacing, 2 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], ENTRELEC SNK



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