



Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Ground**

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

Rated Cross Section: **6 mm²**

Primary Product Color: **Green & Yellow**

Features

Product Type Features

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

Gauge Type	A5 & 3.9 mm Dia.
Number of Levels	1
Number of Circuits	1
Block Function	Ground
Number of Positions	2

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Dielectric Test Voltage	2200 V
Short-Time Withstanding Current Rating @ 1s	720 A

Body Features

Product Weight	20.3 g[.799 oz]
Primary Product Color	Green & Yellow

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 - 1 Rigid Stranded Conductor per Spring Clamp	.5 – 10 mm²
Main Circuit Capacity - Twin Ferrule per Spring Clamp	24 – 16 AWG
Wire Stripping Length	12.5 mm[.492 in]
Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp	.5 – 6 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp	.5 – 6 mm²
Tool Size	3.5 mm[.138 in]
Product Depth	42 mm
Product Length	42 mm
Product Height	64.6 mm
Rated Cross Section	6 mm²
Product Spacing	8 mm[.315 in]

Usage Conditions

Storage Temperature Range	-55 – 110 °C[-67 – 230 °F]
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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

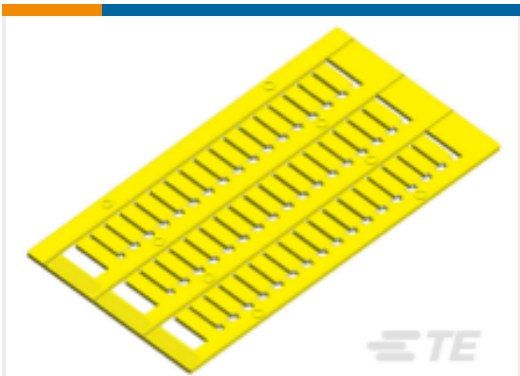
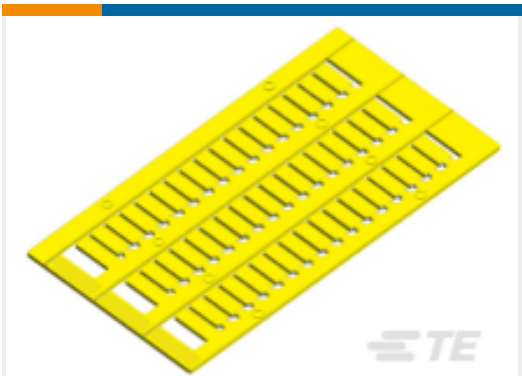
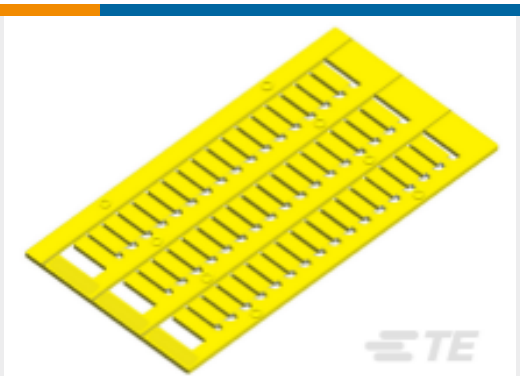









Solder Process Capability

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

 <p>TE Part # 1SNK140004R0000 MC512-YL</p>	 <p>TE Part # 1SNK150004R0000 MC612-YL</p>	 <p>TE Part # 1SNK160004R0000 MC812-YL</p>	 <p>TE Part # 1SNK705910R0000 EK2.5</p>
 <p>TE Part # 1SNK900001R0000 BAM4</p>	 <p>TE Part # 1SNK900002R0000 BAZ1</p>	 <p>TE Part # 1SNK900102R0000 BAZH1</p>	 <p>TE Part # 1SNK900103R0000 CS-R1</p>
 <p>TE Part # 1SNK900104R0000 ES-TC8</p>	 <p>TE Part # 1SNK900106R0000 CS-R2</p>	 <p>TE Part # 1SNK900107R0000 CS-R3</p>	 <p>TE Part # 1SNK900203R0000 TP2</p>



TE Part # 1SNK900603R0000
JB85-3



TE Part # 1SET111014R0000
WF040-12-OR



TE Part # 1SET111016R0000
WF060-12-GN



TE Part # 1SET111033R0000
WF040-12-GR



TE Part # 1SET111035R0000
WF060-12-YL



TE Part # 1SET112004R0000
WFD010-08-RD



TE Part # 1SET112006R0000
WFD015-12-BK




TE Part # 1SNA164800R0300
PR3.G2


Also in the Series | ENTRELEC SNK



Modular Terminal Blocks(318)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(30)

Customers Also Bought



TE Part #1SNK705010R0000
ZK2.5



TE Part #1SNK705150R0000
ZK2.5-PE



TE Part #1SNK900002R0000
BAZ1



TE Part #1SNK900606R0000
LH-J



TE Part #1SNK706010R0000
ZK4



TE Part #1SNK706020R0000
ZK4-BL



TE Part #1SNK706150R0000
ZK4-PE



TE Part #1SNK710020R0000
ZK10-BL



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK708150R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK708150R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK708150R0000_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

ENTRELEC Terminal Block - Master Catalog

English

ZK6-PE

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Essential Entrelec Terminal Blocks

French

Essential Entrelec Terminal Blocks

English

Agency Approvals

Agency Approval Document

English