# 1SNK706032R0000 ✔ ACTIVE

ENTRELEC | ENTRELEC SNK

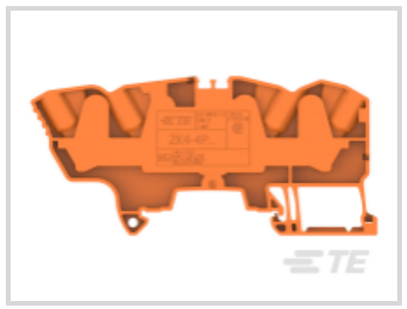
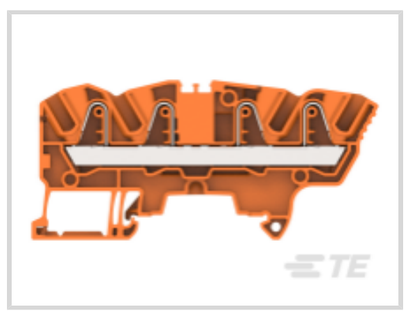
TE Internal #: 1SNK706032R0000

Modular Terminal Blocks, Feed-Through, PI-Spring Terminal Block, Orange, Product Spacing .236 in [6 mm], 4 Position, DIN Rail, ENTRELEC SNK

View on TE.com >

Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Rated Cross Section: **4 mm²**

Primary Product Color: **Orange**

## Features

### Product Type Features

| | |
|---|---|
| Modular Terminal Block Product Type | PI-Spring Terminal Block |

### Configuration Features

| | |
|---|---|
| Gauge Type | 2.9 mm Dia. |
| Number of Levels | 1 |
| Number of Circuits | 1 |
| Block Function | Feed-Through |
| Number of Positions | 4 |

### Electrical Characteristics

| | |
|---|---|
| Impulse Withstanding Voltage Rating (IEC) | 8000 V |
| Current Rating (CSA) | 30 A |
| Power Loss | 1 W |
| Short-Time Withstanding Current Rating @ 1s | 480 A |
| Voltage Rating (IEC) | 1000 V |
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 600 V |
| Voltage Rating (CSA) | 600 V |

| | |
|---|---|
| Dielectric Test Voltage | 2200 V |
| Current Rating (UL) | 30 A |
| Current Rating (IEC) | 32 A |

## Body Features

| | |
|---|---|
| Product Weight | 13.8 g[.543 oz] |
| Primary Product Color | Orange |

## Mechanical Attachment

| | |
|---|---|
| DIN Rail Mounting Type | TH35-15, TH35-7.5 |
| Connector Mounting Type | DIN Rail |

## Housing Features

| | |
|---|---|
| Housing Material | Polyamide |

## Dimensions

| | |
|---|---|
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Spring Clamp | .5 – 6 mm² |
| Main Circuit Capacity - Twin Ferrule per Spring Clamp | .5 – 1 mm² |
| Main Circuit Capacity - 1 Flexible Conductor per Spring Clamp | .5 – 4 mm² |
| Wire Stripping Length | 12.5 mm[.492 in] |
| Main Circuit Capacity - 1 Non-Insulated Ferrule per Spring Clamp | .5 – 4 mm² |
| Main Circuit Capacity - 1 Insulated Ferrule per Spring Clamp | 26 – 12 AWG |
| Tool Size | 3.5 mm[.138 in] |
| Product Depth | 41.1 mm |
| Product Length | 41.1 mm |
| Product Height | 89.7 mm |
| Rated Cross Section | 4 mm² |
| Product Spacing | 6 mm[.236 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

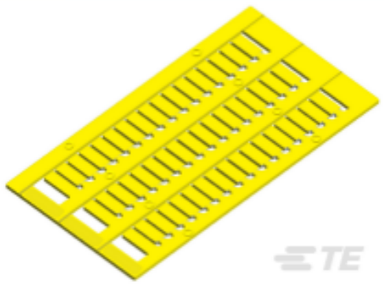
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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 |

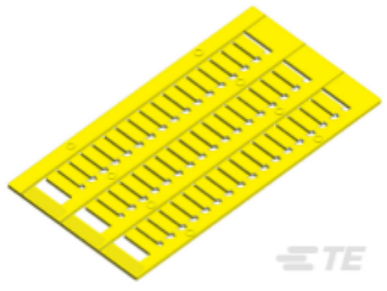
Product Compliance Disclaimer

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 # 1SNK140004R0000
MC512-YL



TE Part # 1SNK150004R0000
MC612-YL



TE Part # 1SNK705912R0000
EK2.5-4P



TE Part # 1SNK900001R0000
BAM4



TE Part # 1SNK900002R0000
BAZ1



TE Part # 1SNK900102R0000
BAZH1



TE Part # 1SNK900105R0000
ES-TC6



TE Part # 1SNK900107R0000
CS-R3



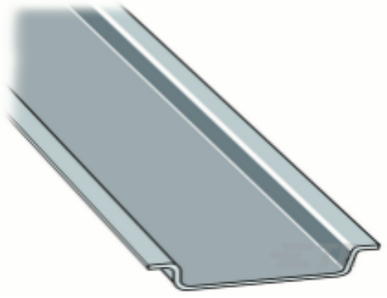
TE Part # 1SNK900203R0000
TP2



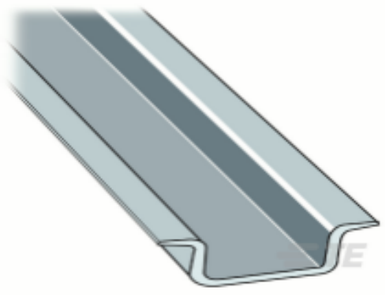
TE Part # 1SNK900603R0000
JB85-3



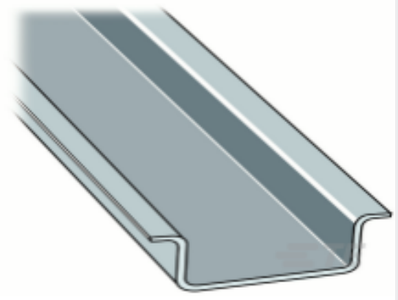
TE Part # 1SNK906305R0000
JB6-5



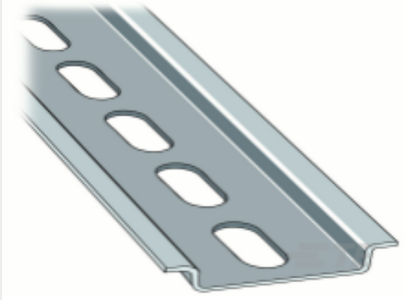
TE Part # 1SNA164800R0300
PR3.G2



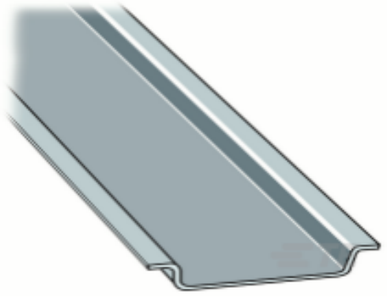
TE Part # 1SNA168500R1200
PR4



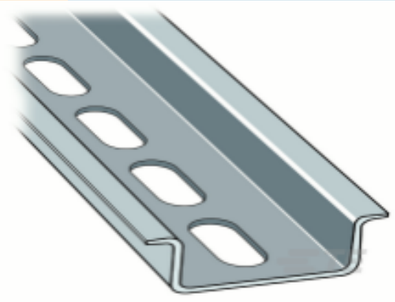
TE Part # 1SNA168700R2200
PR5



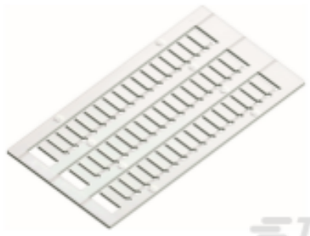
TE Part # 1SNA173220R0500
PR30



TE Part # 1SNA174300R1700
PR3.Z2



TE Part # 1SNA178529R0400
PR50



TE Part # 1SNK140000R0000
MC512



TE Part # 1SNK149999R0000
MC512PA



TE Part # 1SNK150000R0000
MC612

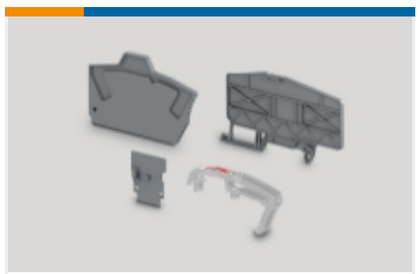
## Also in the Series | ENTRELEC SNK



Modular Terminal Blocks(318)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(30)

## Customers Also Bought



TE Part #5-747904-2
9 Plug Solder Cup, Gold Flash,



TE Part #5-747905-2
9 Rcpt Solder Cup, Gold Flash,



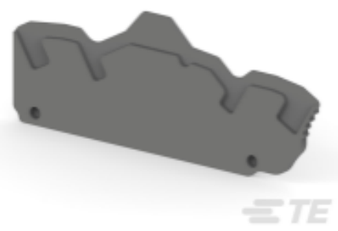
TE Part #2-1393237-3
RT314024F



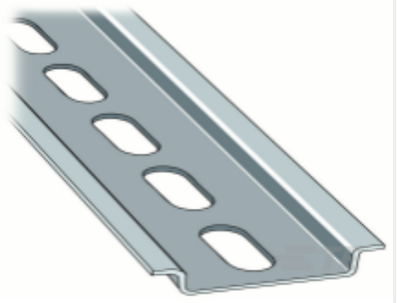
TE Part #350782-1
09P UMNL CAP HSG



TE Part #1-1393243-1
RTE24048



TE Part #1SNK705912R0000
EK2.5-4P



TE Part #1SNA173220R0500
PR30

TE Part #1SNA150041R0000
TH35-7.5-P6-1METER

## Documents

### CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_1SNK706032R0000_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1SNK706032R0000_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1SNK706032R0000_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

ZK4-4P-OR

English

SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

### Agency Approvals

Agency Approval Document

English