# 1SNK536020R0000  ✓ ACTIVE

### ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK536020R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal Block, Blue, Product Spacing 1.417 in [36 mm], 2 Position, DIN Rail, ENTRELEC SNK
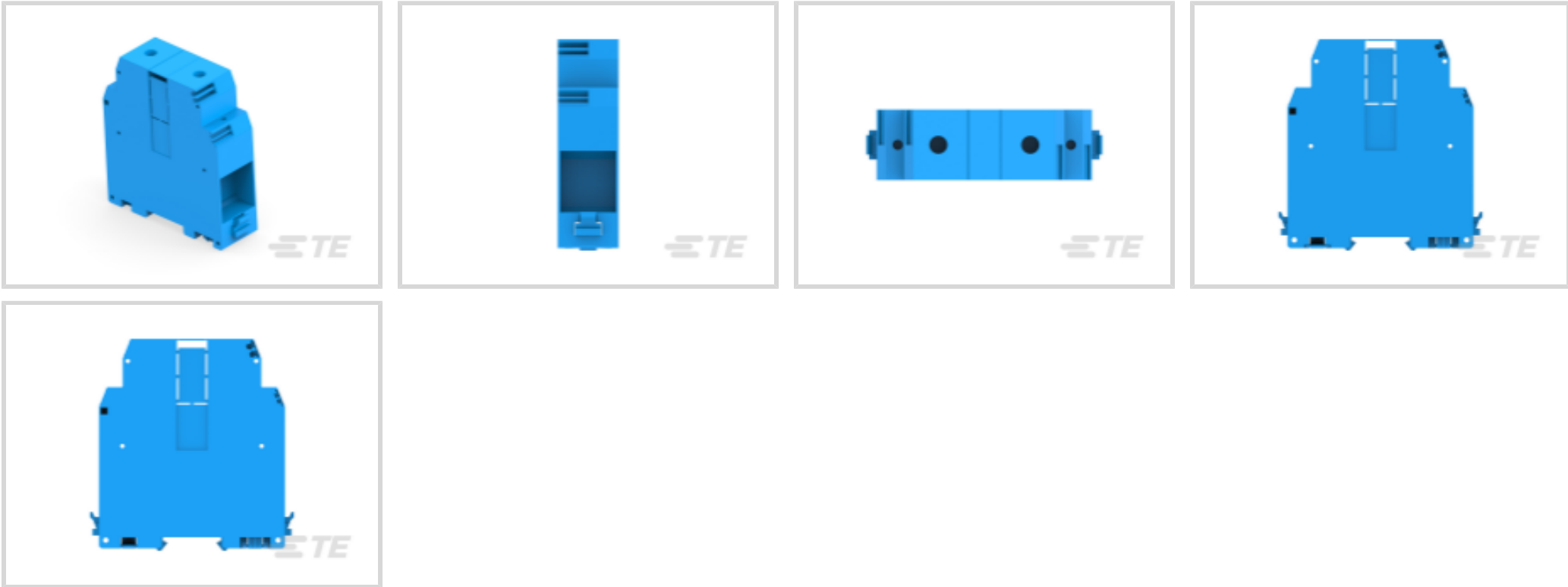
View on TE.com >

Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function:   **Feed-Through**

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

Rated Cross Section:   **500 kcmil**

Primary Product Color:   **Blue**

## Features

### Product Type Features

| Modular Terminal Block Product Type | Screw Clamp Terminal Block |
|---|---|

### Configuration Features

| | |
|---|---|
| Gauge Type | B14 |
| Number of Levels | 1 |
| Number of Poles | 1 |
| Number of Circuits | 1 |
| Block Function | Feed-Through |
| Number of Positions | 2 |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage Rating (UL & CSA) (Max) - Main Circuit | 1000 V |
| Impulse Withstanding Voltage Rating (IEC) | 12000 V |
| Voltage Rating (CSA) | 1000 V |
| Current Rating (CSA) | 380 A |
| Power Loss | 13.3 W |
| Dielectric Test Voltage | 3820 V |

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| | |
|---|---|
| Short-Time Withstanding Current Rating @ 1s | 28800 A |
| Voltage Rating (IEC) | 1000 V |
| Current Rating (UL) | 380 A |
| Current Rating (IEC) | 415 A |

## Body Features

| | |
|---|---|
| Product Weight | 366 g[14.41 oz] |
| Primary Product Color | Blue |

## Mechanical Attachment

| | |
|---|---|
| DIN Rail Mounting Type | TH35-15, TH35-7.5 |
| Tightening Torque | 221.3 in-lbs |
| Connector Mounting Type | DIN Rail |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp | 50 – 300 mm² |
| Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp | 50 – 240 mm² |
| Wire Stripping Length | 38 mm[1.496 in] |
| Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp | .5 – 10 mm² |
| Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp | .5 – 16 mm² |
| Tool Size | 8 mm[.315 in] |
| Product Depth | 117 mm |
| Product Height | 119.4 mm |
| Rated Cross Section | 500 kcmil |
| Product Spacing | 36 mm[1.417 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

| | |
|---|---|
| UL Flammability Rating | UL 94V-0 |

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## Product Compliance
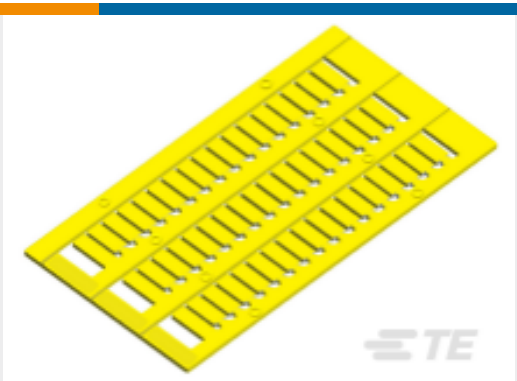
[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| 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 | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Not reviewed for solder process capability |
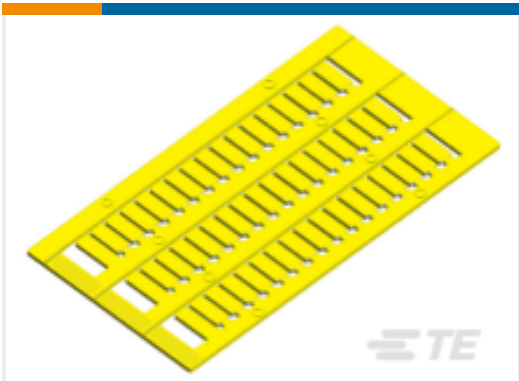
Product Compliance Disclaimer

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
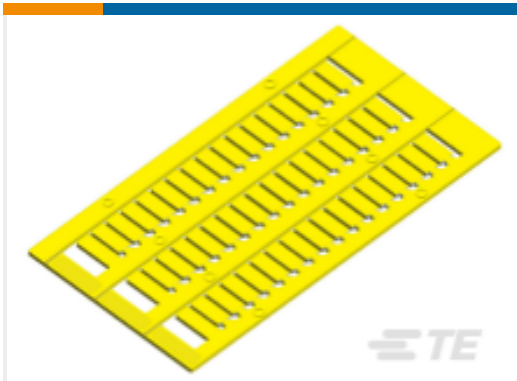
## Compatible Parts



TE Part # 1SNK140004R0000
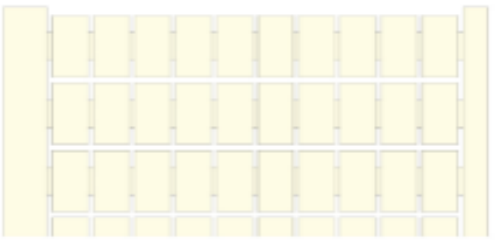MC512-YL



TE Part # 1SNK150004R0000
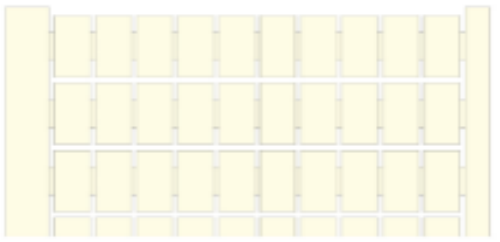MC612-YL



TE Part # 1SNK160004R0000
MC812-YL



TE Part # 1SNK900102R0000
BAZH1

# 1SNK536020R0000

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TE Part # 1SNA103775R0000
RC65-BL

TE Part # 1SNA103776R0100
RC65-RD

TE Part # 1SNA164800R0300
PR3.G2

TE Part # 1SNA168500R1200
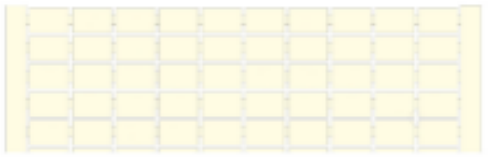PR4

TE Part # 1SNA168700R2200
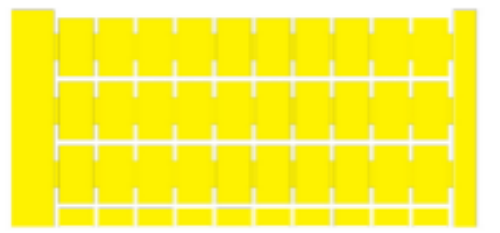PR5

TE Part # 1SNA173220R0500
PR30

TE Part # 1SNA174300R1700
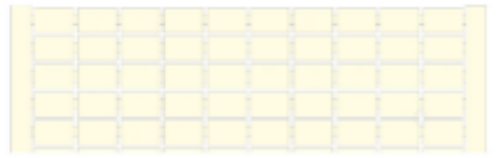PR3.Z2

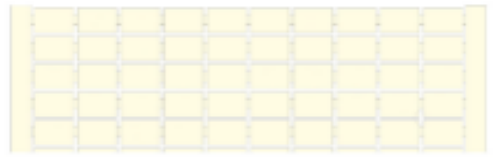TE Part # 1SNA178529R0400
PR50

TE Part # 1SNA206230R1100
RC610-GN

TE Part # 1SNA206231R0600
RC610-YL
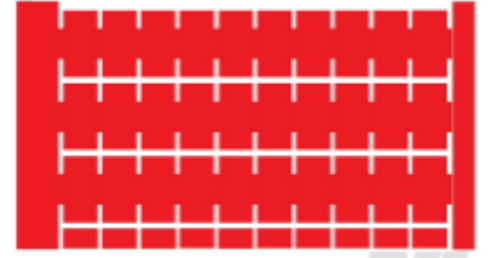
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RC610-OR
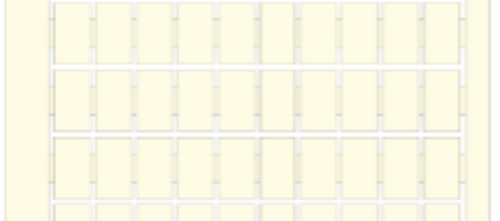
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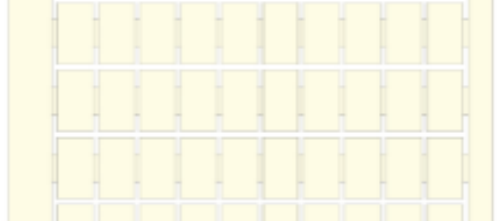RC610-BL
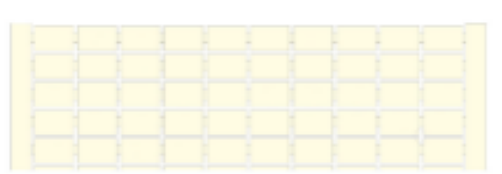
TE Part # 1SNA206235R0200
RC610-RD

TE Part # 1SNA229000R1500
RC410

TE Part # 1SNA230000R1200
RC55

TE Part # 1SNA231000R0700
RC510

## Also in the Series | ENTRELEC SNK

Modular Terminal Blocks(318)

Terminal Block & Strip Conducting Accessories(67)

Terminal Block & Strip Insulating Accessories(30)
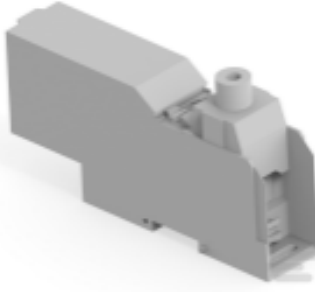
## Customers Also Bought

1SNK536020R0000

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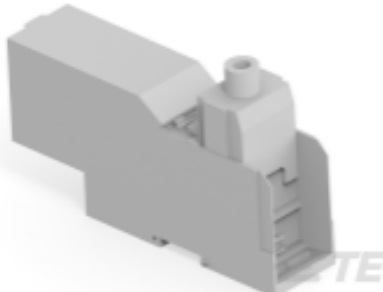
TE Part #1SNA125124R0100
M35/16.N

TE Part #1SNA190008R0700
D120/42.AF

TE Part #1SNA190009R0000
D185/55.AF

TE Part #1SNA400306R1100
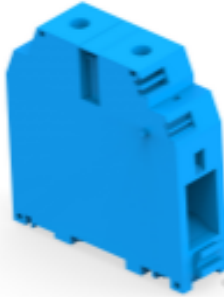D70/22.N

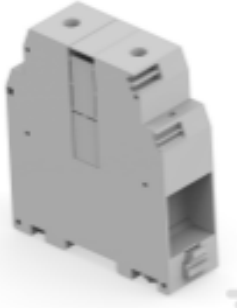TE Part #1SNK512020R0000
ZS25-BL

TE Part #1SNK522020R0000
ZS70-BL

TE Part #1SNK526020R0000
ZS95-BL

TE Part #1SNK531010R0000
ZS150

TE Part #1SNK531020R0000
ZS150-BL

TE Part #1SNK536010R0000
ZS240

## Documents

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK536020R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK536020R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK536020R0000_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

ZS240-BL

English

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## SNK SERIES TERMINAL BLOCKS

English

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### Agency Approvals
CE Declaration of Conformity

English