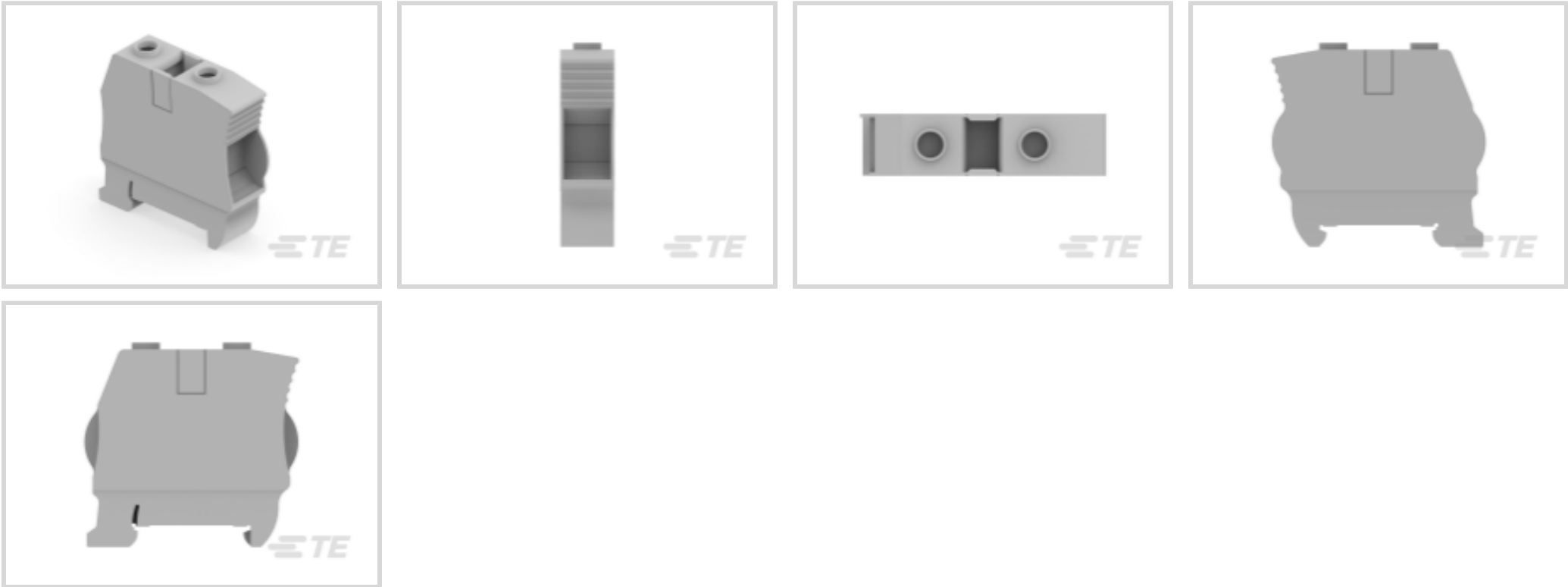




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



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

Block Function: **Feed-Through**

Primary Product Color: **Gray**

Product Spacing: **16 mm [.63 in]**

Number of Positions: **2**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block
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Configuration Features

Number of Levels	1
Gauge Type	A9-B9
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Power Loss	4 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	125 A
Current Rating (UL)	150 A
Current Rating (CSA)	150 A



Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	4200 A
Operating Voltage	600 VAC

Body Features

Product Weight	30 g[1.058 oz]
Primary Product Color	Gray

Termination Features

Termination Method to Wire & Cable	Screw 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

Product Depth	54.3 mm[2.138 in]
Wire Stripping Length	17 mm[.669 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	10 – 6 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	12 – 8 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	10 – 6 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	10 – 0 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	4 – 35 mm ²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	4 – 35 mm ²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	10 – 0 AWG
Product Length	54.3 mm[2.138 in]
Product Height	59 mm[2.323 in]
Product Spacing	16 mm[.63 in]
Wire Size	2 AWG

Usage Conditions

Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
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Operating Temperature Range

-55 – 110 °C[-67 – 230 °F]

Operation/Application

Circuit Application	Power & Signal
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Industry Standards

IP Rating	IP10
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: JUNE 2024 (241) 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

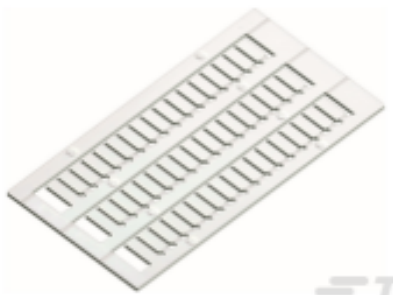
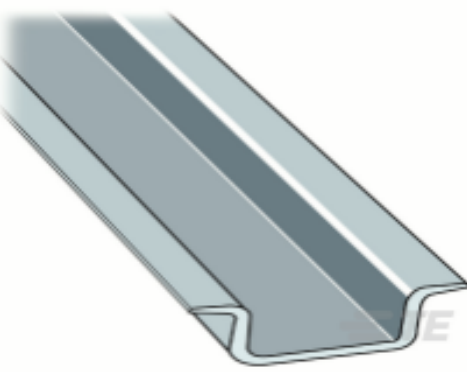
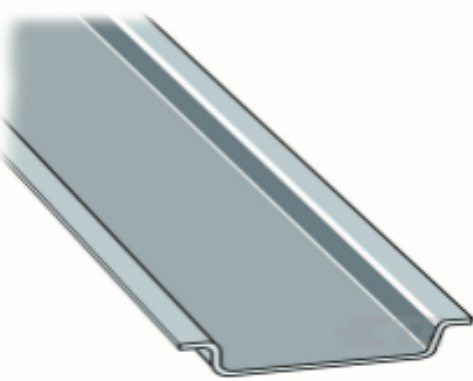
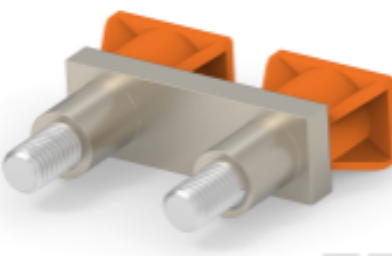
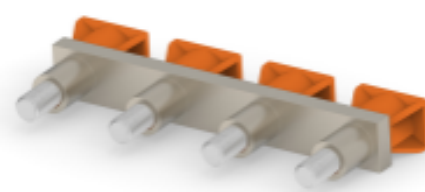
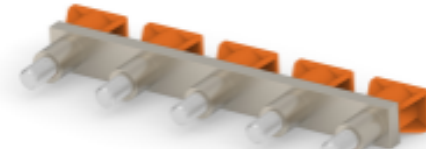
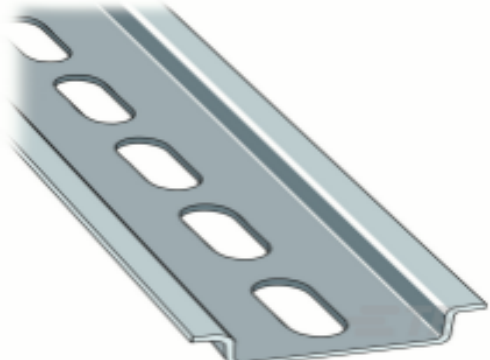
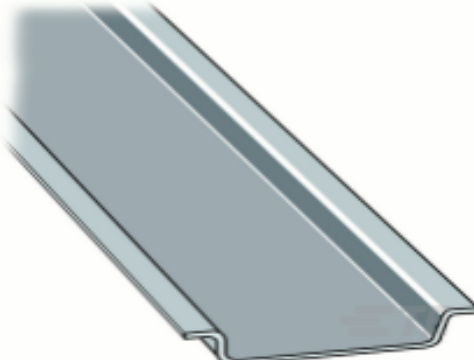
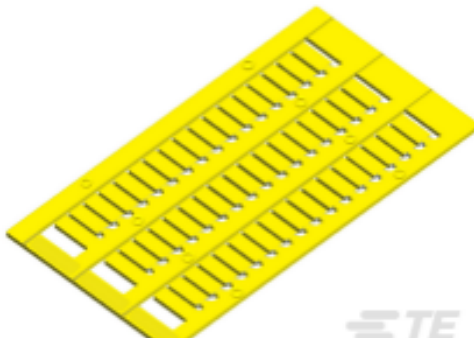
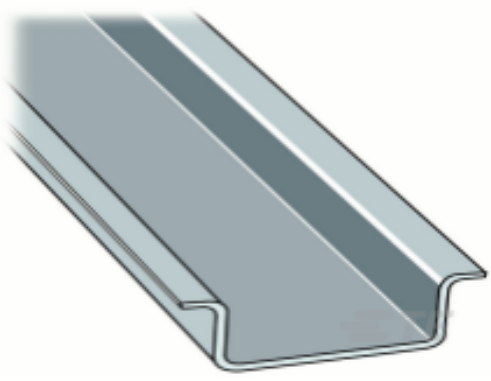
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

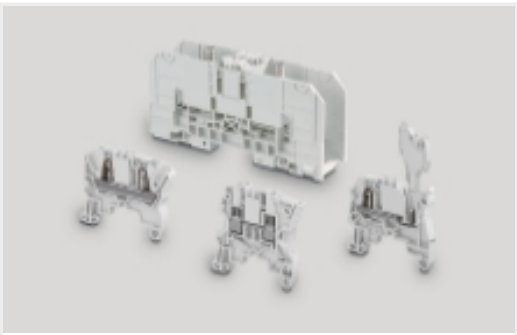
1SNK516010R0000

Screw Clamp Terminal Block, Feed-Through, Gray, 16 mm [.63 in] Spacing, 2 Position,
Screw Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



 TE Part # 1SNK160000R0000 MC812	 TE Part # 1SNK900622R0000 PL16	 TE Part # 1SNK900643R0000 TO6.5-150	 TE Part # 1SNA168500R1200 PR4
 TE Part # 1SNK900613R0000 PROCAP8	 TE Part # 1SNK916310R0000 JB16-10	 TE Part # 1SNA174300R1700 PR3.Z2	 TE Part # 1SNK916302R0000 JB16-2
 TE Part # 1SNK916304R0000 JB16-4	 TE Part # 1SNK916305R0000 JB16-5	 TE Part # 1SNK900604R0000 CO	 TE Part # 1SNK900103R0000 CS-R1
 TE Part # 1SNK900611R0000 UMH	 TE Part # 1SNA173220R0500 PR30	 TE Part # 1SNK900102R0000 BAZH1	 TE Part # 1SNA164800R0300 PR3.G2
 TE Part # 1SNK900624R0000 KCO	 TE Part # 1SNK160004R0000 MC812-YL	 TE Part # 1SNK169999R0000 MC812PA	 TE Part # 1SNA168700R2200 PR5

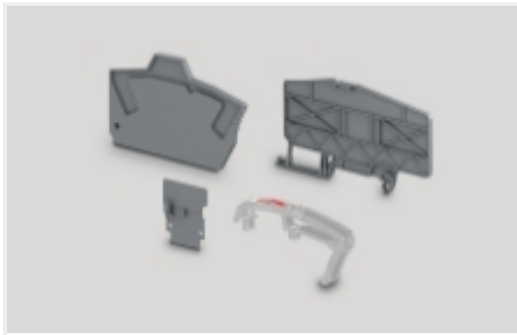
Also in the Series | ENTRELEC SNK



Modular Terminal Blocks(319)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #1SNK510150R0000
ZS16-PE



TE Part #1SNK516011R0000
ZS50



TE Part #1SNK522010R0000
ZS70



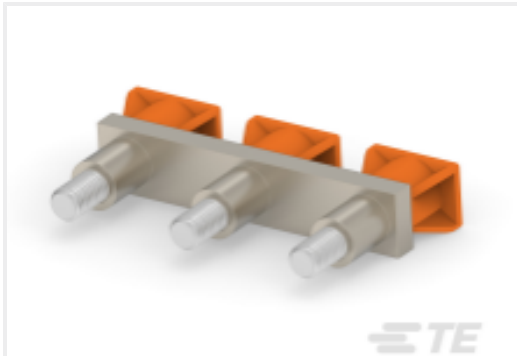
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ZS6-PE



TE Part #1SNK506010R0000
ZS6



TE Part #1SNK510020R0000
ZS16-BL



TE Part #1SNK916303R0000
JB16-3



TE Part #1SNK505010R0000
ZS4



TE Part #1SNK508010R0000
ZS10



TE Part #1SNK506020R0000
ZS6-BL

Documents

Product Drawings

ZS35

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK516010R0000_A.2d_dxf.zip

1SNK516010R0000

Screw Clamp Terminal Block, Feed-Through, Gray, 16 mm [.63 in] Spacing, 2 Position,
Screw Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



English

Customer View Model

[ENG_CVM_CVM_1SNK516010R0000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK516010R0000_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[ZS35](#)

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

[ZK-ZS_ATEX_1SND225112U1006-C-TE](#)

English