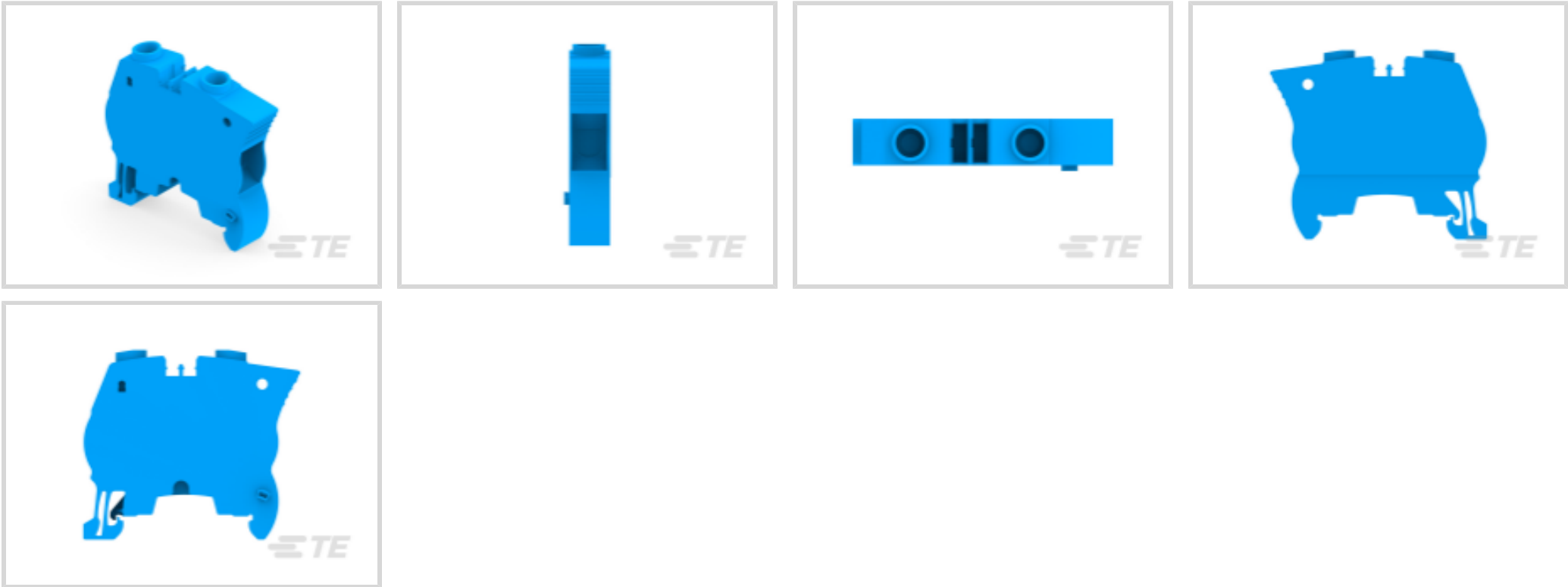




Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



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

Block Function: **Feed-Through**

Primary Product Color: **Blue**

Product Spacing: **10 mm [.394 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	A6-B6
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Power Loss	2.4 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	76 A
Current Rating (UL)	67 A
Current Rating (CSA)	67 A



Dielectric Withstanding Voltage (Max)	2200 V
Voltage Rating (IEC)	1000 V
Voltage Rating (CSA)	600 V
Short-Time Withstanding Current Rating @ 1s	1920 A
Operating Voltage	600 VAC

Body Features

Product Weight	20.2 g[.795 oz]
Primary Product Color	Blue

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	48.8 mm[1.921 in]
Tool Size	5.5 mm[.217 in]
Wire Stripping Length	13.5 mm[.531 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	20 – 10 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 4 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.5 – 16 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.5 – 10 mm²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 4 AWG
Product Length	48.8 mm[1.92 in]
Product Height	56.1 mm[2.209 in]
Product Spacing	10 mm[.394 in]
Wire Size	4 AWG

Usage Conditions



Installation Temperature Range	-5 – 40 °C[23 – 104 °F]
Operating Temperature Range	-55 – 110 °C[-67 – 230 °F]

Operation/Application

Circuit Application	Power & Signal
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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

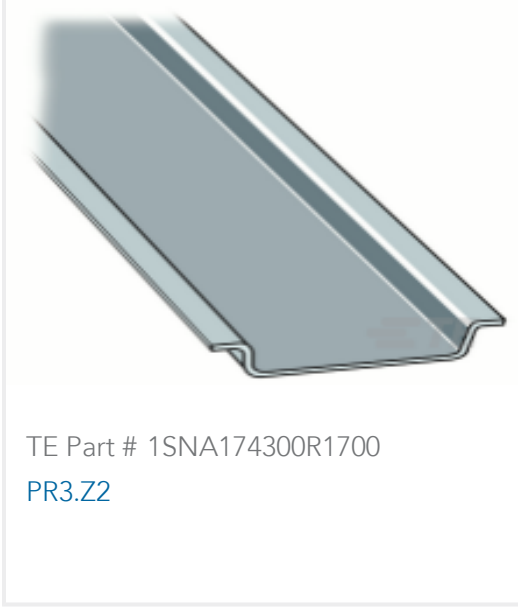
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

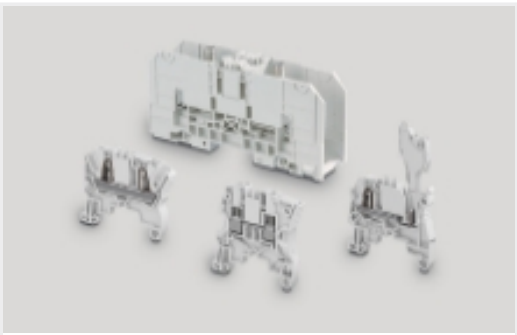
1SNK510020R0000

Screw Clamp Terminal Block, Feed-Through, Blue, 10 mm [.394 in] Spacing, 2 Position, Screw Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



 TE Part # 1SNK900002R0000 BAZ1	 TE Part # 1SNK900604R0000 CO	 TE Part # 1SNK900103R0000 CS-R1	 TE Part # 1SNK900611R0000 UMH
 TE Part # 1SNA173220R0500 PR30	 TE Part # 1SNK910310R0000 JB10-10	 TE Part # 1SNK900621R0000 PL10	 TE Part # 1SNK900203R0000 TP2
 TE Part # 1SNK910304R0000 JB10-4	 TE Part # 1SNA174300R1700 PR3.Z2	 TE Part # 1SNK505910R0000 ES4	 TE Part # 1SNK900201R0000 TC5-R1
 TE Part # 1SNK160000R0000 MC812	 TE Part # 1SNK900001R0000 BAM4	 TE Part # 1SNK900101R0000 CS	 TE Part # 1SNK910303R0000 JB10-3
 TE Part # 1SNA168500R1200 PR4	 TE Part # 1SNK900613R0000 PROCAP8	 TE Part # 1SNK910302R0000 JB10-2	 TE Part # 1SNK510066R0000 ZS16-BK

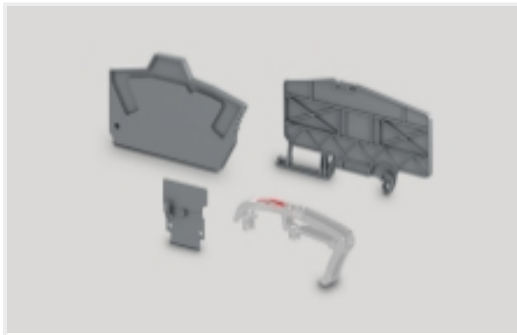
Also in the Series | ENTRELEC SNK



Modular Terminal Blocks(319)



Terminal Block & Strip Conducting Accessories(67)



Terminal Block & Strip Insulating Accessories(31)

Customers Also Bought



TE Part #1SNK522020R0000
ZS70-BL



TE Part #1SNK512020R0000
ZS25-BL



TE Part #1SNK508020R0000
ZS10-BL



TE Part #1-1415898-1
RTS3T048



TE Part #1SNK522010R0000
ZS70



TE Part #1SNK516021R0000
ZS50-BL



TE Part #1SNK922302R0000
JB22-2



TE Part #1SNK516020R0000
ZS35-BL



TE Part #1SNK910303R0000
JB10-3



TE Part #1SNK506020R0000
ZS6-BL

Documents

Product Drawings

ZS16-BL

English

CAD Files

Customer View Model

ENG_CVM_CVM_1SNK510020R0000_B1.3d_igs.zip

English

Customer View Model

1SNK510020R0000

Screw Clamp Terminal Block, Feed-Through, Blue, 10 mm [.394 in] Spacing, 2 Position, Screw Terminal, Power & Signal, DIN Rail, 600 VAC, ENTRELEC SNK



[ENG_CVM_CVM_1SNK510020R0000_B1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK510020R0000_B1.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

ZS16-BL

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