

1SNK522020R0000 ✓ ACTIVE



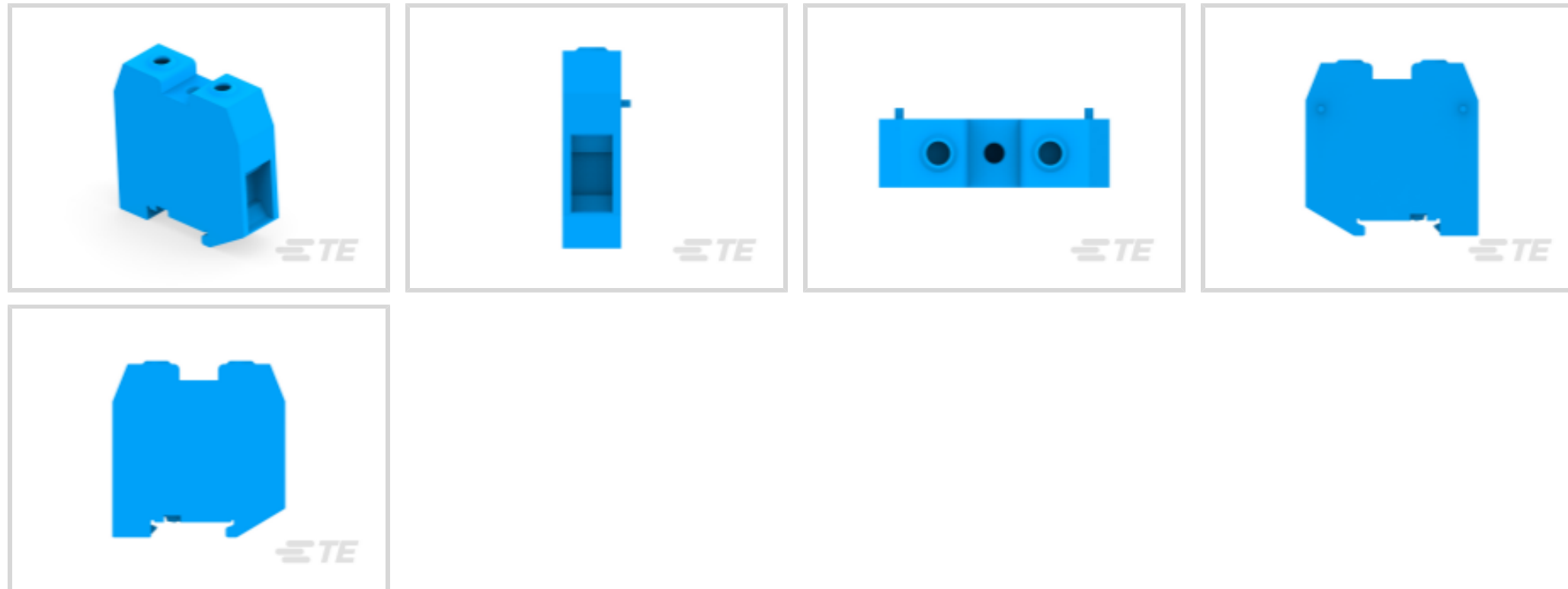
ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK522020R0000

Feed-Through, Screw Clamp Terminal Block, Blue, Product Spacing
22 mm [.866 in], 2 Position, DIN Rail, ENTRELEC SNK, Modular
Terminal Blocks

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > Modular Terminal Blocks



Block Function: **Feed-Through**

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

Primary Product Color: **Blue**

Product Spacing: **22 mm [.866 in]**

Number of Positions: **2**

Features

Product Type Features

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

Configuration Features

Gauge Type	B11
Number of Levels	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)	8000 V
Power Loss	6.1 W
Dielectric Withstanding Voltage (Max)	2200 V
Short-Time Withstanding Current Rating @ 1s	8400 A
Voltage Rating (IEC)	1000 V

Current Rating (UL)	159 A
---------------------	-------

Current Rating (IEC)	192 A
----------------------	-------

Body Features

Product Weight	158.1 g[6.224 oz]
----------------	-------------------

Primary Product Color	Blue
-----------------------	------

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 Screw Clamp	4 – 00 AWG
--	------------

Main Circuit Capacity - Twin Ferrule per Screw Clamp	6 AWG
--	-------

Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	16 – 70 mm ²
--	-------------------------

Wire Stripping Length	25 mm[.984 in]
-----------------------	----------------

Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	16 – 50 mm ²
---	-------------------------

Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	16 – 35 mm ²
---	-------------------------

Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	4 – 2 AWG
---	-----------

Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	16 – 50 mm ²
---	-------------------------

Tool Size	6 mm[.236 in]
-----------	---------------

Product Depth	75.4 mm
---------------	---------

Product Length	75.35 mm[2.97 in]
----------------	-------------------

Product Height	74 mm
----------------	-------

Product Spacing	22 mm[.866 in]
-----------------	----------------

Usage Conditions

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
------------------------	----------

Product Compliance

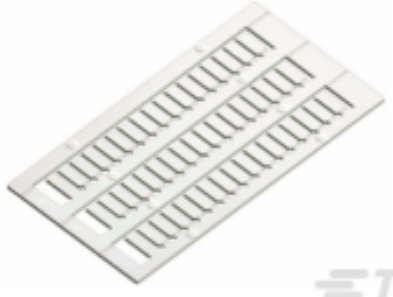

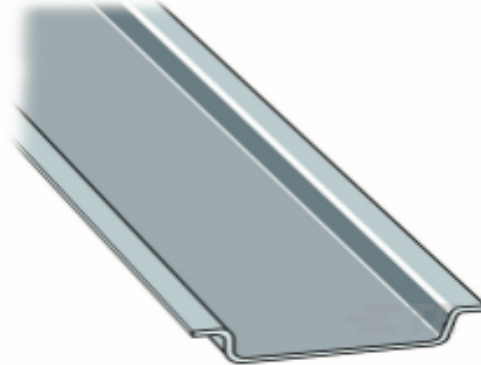
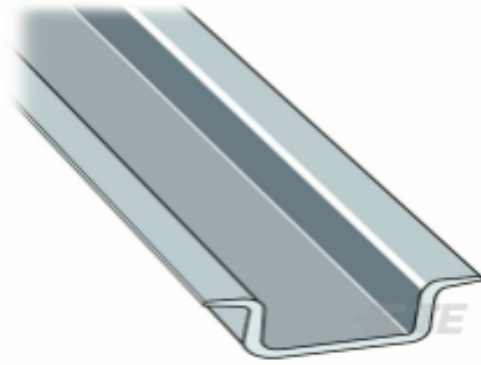
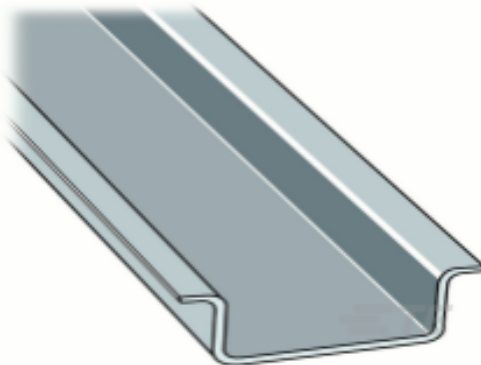
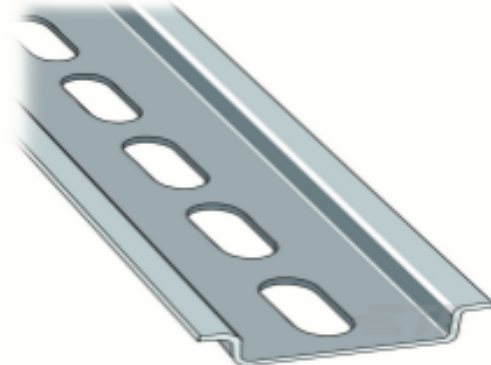
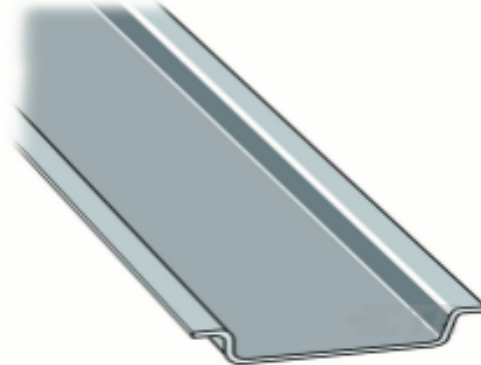
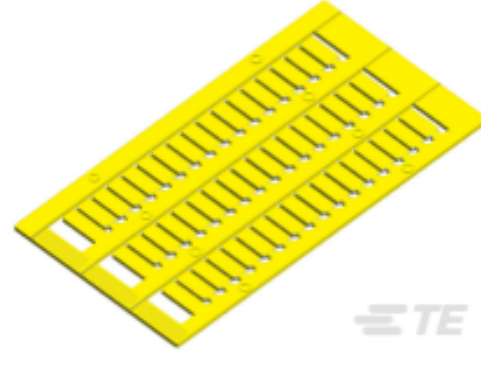
[For compliance documentation, visit the product page on TE.com>](#)

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 2024 (241) 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

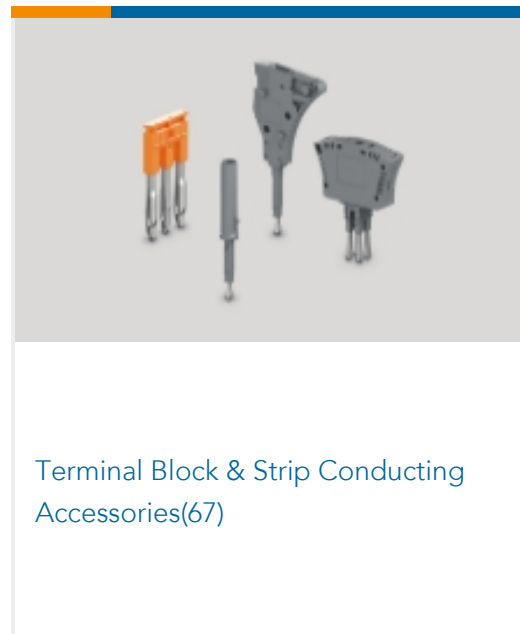
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

 <p>TE Part # 1SNK160000R0000 MC812</p>	 <p>TE Part # 1SNK900102R0000 BAZH1</p>	 <p>TE Part # 1SNA164800R0300 PR3.G2</p>	 <p>TE Part # 1SNA168500R1200 PR4</p>
 <p>TE Part # 1SNA168700R2200 PR5</p>	 <p>TE Part # 1SNA173220R0500 PR30</p>	 <p>TE Part # 1SNA174300R1700 PR3.Z2</p>	 <p>TE Part # 1SNK160004R0000 MC812-YL</p>



Also in the Series | ENTRELEC SNK



Customers Also Bought





Documents

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1SNK522020R0000_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK522020R0000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNK522020R0000_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](#)

[ENTRELEC Terminal Block - Master Catalog](#)

English

[ZS70-BL](#)

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

1SNK522020R0000

Feed-Through, Screw Clamp Terminal Block, Blue, Product Spacing 22 mm [.866 in], 2
Position, DIN Rail, ENTRELEC SNK, Modular Terminal Blocks

