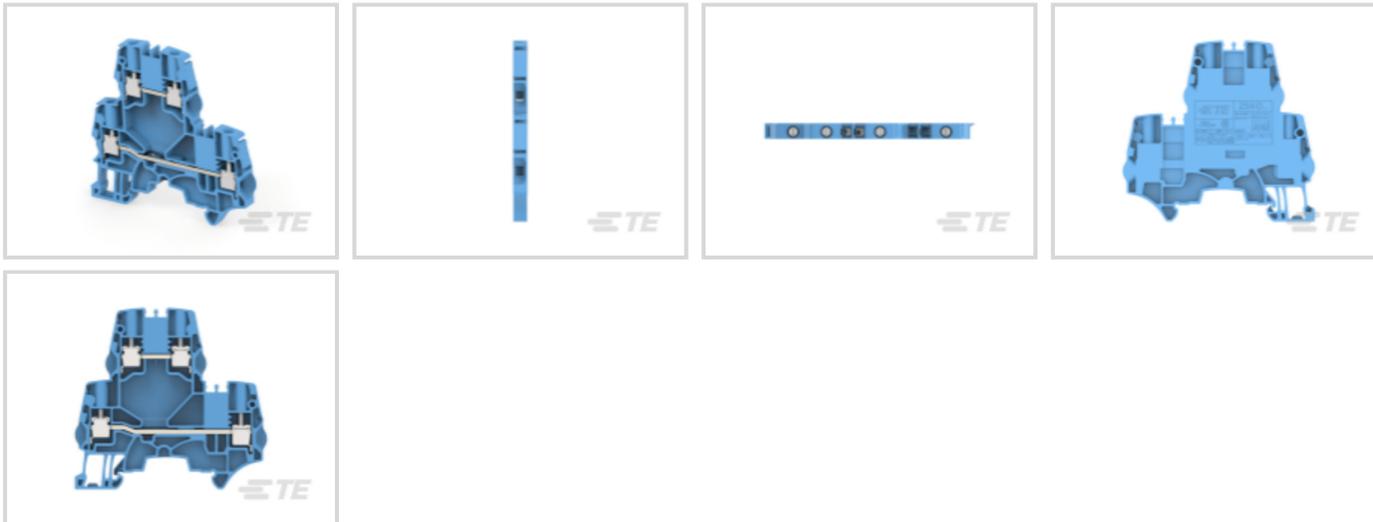# 1SNK505220R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK505220R0000

Screw Clamp Terminal Block, Feed-Through, Blue, 5.2 mm [.205 in] Spacing, 4 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], 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**

Primary Product Color: **Blue**

Product Spacing: **5.2 mm [.205 in]**

Number of Positions: **4**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block

Configuration Features

Number of Levels	2
Gauge Type	A3-B3
Number of Circuits	2
Block Function	Feed-Through
Number of Positions	4

Electrical Characteristics

Power Loss	1.9 W
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	300 V
Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (IEC)	29 A
Current Rating (UL)	20 A
Current Rating (CSA)	20 A

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Dielectric Withstanding Voltage (Max)	2000 V
Voltage Rating (IEC)	800 V
Voltage Rating (CSA)	300 V
Short-Time Withstanding Current Rating @ 1s	480 A

Body Features

Product Weight	15.3 g[.602 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

Product Depth	65.5 mm
Tool Size	3.5 mm[.138 in]
Wire Stripping Length	10 mm[.394 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - Twin Ferrule per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	24 – 16 AWG
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 12 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm²
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	.22 – 2.5 mm²
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 12 AWG
Product Length	65.5 mm[2.58 in]
Product Height	70.4 mm
Product Spacing	5.2 mm[.205 in]

Usage Conditions

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

Industry Standards

IP Rating	IP20

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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	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 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 # 1SNK905304R0000
JB5-4

TE Part # 1SNK905310R0000
JB5-10

TE Part # 1SNK900602R0000
SHB

TE Part # 1SNK900611R0000
UMH

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Screw Clamp Terminal Block, Feed-Through, Blue, 5.2 mm [.205 in] Spacing, 4 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], ENTRELEC SNK

TE Part # 1SNK905305R0000
JB5-5

TE Part # 1SNA173220R0500
PR30

TE Part # 1SNK900200R0000
TC5

TE Part # 1SNK900102R0000
BAZH1

TE Part # 1SNK900205R0000
TP4

TE Part # 1SNA168700R2200
PR5

TE Part # 1SNA164800R0300
PR3.G2

TE Part # 1SNK900606R0000
LH-J

TE Part # 1SNK149999R0000
MC512PA

TE Part # 1SNA116798R2400
SCFCV5

TE Part # 1SNK900609R0000
PROCAP5

TE Part # 1SNK905350R0000
JB5-50

TE Part # 1SNA168500R1200
PR4

TE Part # 1SNK905303R0000
JB5-3

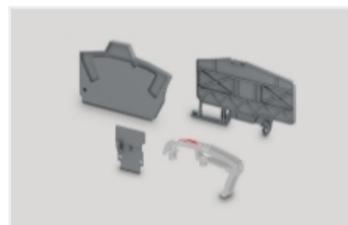TE Part # 1SNA174300R1700
PR3.Z2

TE Part # 1SNK900203R0000
TP2

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

Screw Clamp Terminal Block, Feed-Through, Blue, 5.2 mm [.205 in] Spacing, 4 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F], ENTRELEC SNK
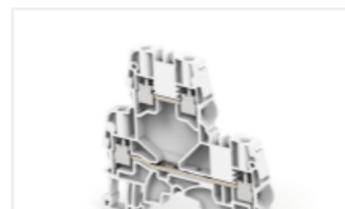
TE Part #1SNA231000R0700
RC510

TE Part #1SNK905305R0000
JB5-5

TE Part #1SNA165115R1000
M10/10.P

TE Part #1SNK505210R0000
ZS4-D2

TE Part #1SNK505320R0000
ZS4-S-BL

TE Part #1SNK505020R0000
ZS4-BL

TE Part #T4111002031-000
M12,MALE,STRAIGHT,A CODE,3P, PG9,GOLD

TE Part #1SNK506410R0000
ZS4-SF

TE Part #1SNK506412R0000
ZS4-SF-R1

TE Part #1SNK905302R0000
JB5-2

Documents

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1SNK505220R0000_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1SNK505220R0000_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1SNK505220R0000_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages
ZS4-D2-BL

English

ENTRELEC Terminal Block - Master Catalog

1SNK505220R0000

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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