1SNK506010R0000 ✓ ACTIVE

ENTRELEC | ENTRELEC SNK

TE Internal #: 1SNK506010R0000

Modular Terminal Blocks, Feed-Through, Screw Clamp Terminal
Block, Gray, Product Spacing .236 in [6 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: **6 mm²**

Primary Product Color: **Gray**

Features

Product Type Features

Modular Terminal Block Product Type	Screw Clamp Terminal Block

Configuration Features

Gauge Type	A4-B3
Number of Levels	1
Number of Circuits	1
Block Function	Feed-Through
Number of Positions	2

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Current Rating (CSA)	30 A
Power Loss	1.3 W
Short-Time Withstanding Current Rating @ 1s	720 A
Voltage Rating (IEC)	1000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	600 V
Voltage Rating (CSA)	600 V

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Dielectric Test Voltage	2200 V
Current Rating (UL)	30 A
Current Rating (IEC)	41 A

Body Features

Product Weight	10.6 g[.417 oz]
Primary Product Color	Gray

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 - Twin Ferrule per Screw Clamp	24 – 14 AWG
Main Circuit Capacity - 1 Flexible Conductor per Screw Clamp	24 – 10 AWG
Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	24 – 12 AWG
Main Circuit Capacity - 1 Non-Insulated Ferrule per Screw Clamp	.22 – 4 mm²
Main Circuit Capacity - 2 Flexible Conductors per Screw Clamp	.2 – 2.5 mm²
Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	24 – 10 AWG
Wire Stripping Length	10.5 mm[.413 in]
Main Circuit Capacity - 2 Rigid Stranded Conductors per Screw Clamp	.2 – 2.5 mm²
Tool Size	4 mm[.157 in]
Product Depth	47.3 mm
Product Length	47.3 mm[1.86 in]
Product Height	53 mm
Rated Cross Section	6 mm²
Product Spacing	6 mm[.236 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

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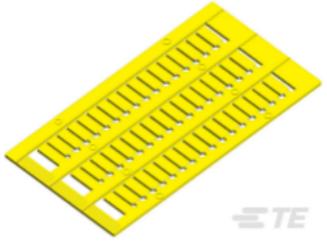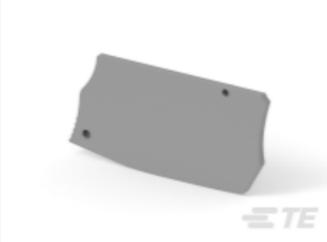| IP Rating	IP20
UL Flammability Rating	UL 94V-0

Product Compliance

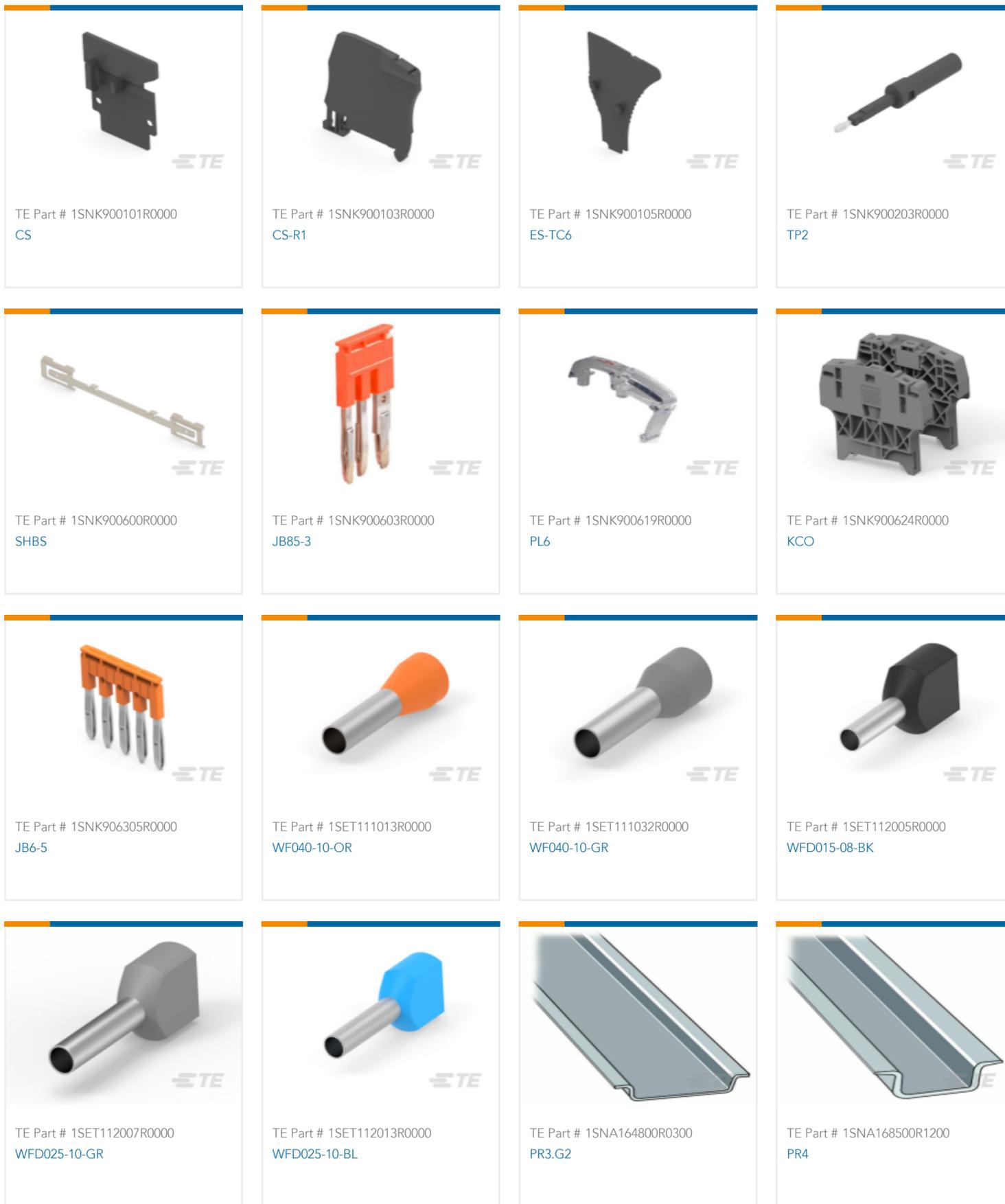**For compliance documentation, visit the product page on TE.com>**

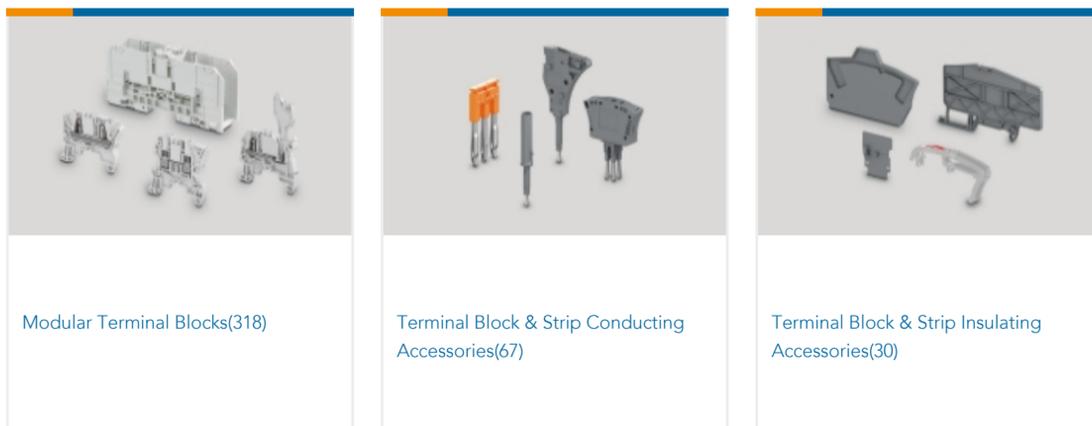| EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

TE Part # 1SNK150004R0000 MC612-YL	TE Part # 1SNK505910R0000 ES4	TE Part # 1SNK900001R0000 BAM4	TE Part # 1SNK900002R0000 BAZ1

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TE Part # 1SNK900101R0000
CS

TE Part # 1SNK900103R0000
CS-R1

TE Part # 1SNK900105R0000
ES-TC6

TE Part # 1SNK900203R0000
TP2

TE Part # 1SNK900600R0000
SHBS

TE Part # 1SNK900603R0000
JB85-3

TE Part # 1SNK900619R0000
PL6

TE Part # 1SNK900624R0000
KCO

TE Part # 1SNK906305R0000
JB6-5

TE Part # 1SET111013R0000
WF040-10-OR

TE Part # 1SET111032R0000
WF040-10-GR

TE Part # 1SET112005R0000
WFD015-08-BK

TE Part # 1SET112007R0000
WFD025-10-GR

TE Part # 1SET112013R0000
WFD025-10-BL

TE Part # 1SNA164800R0300
PR3.G2

TE Part # 1SNA168500R1200
PR4

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

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TE Part #1SNK508410R0000
ZS4-SF1

TE Part #1SNK510010R0000
ZS16

TE Part #1SNK510150R0000
ZS16-PE

TE Part #1SNK516010R0000
ZS35

TE Part #1SNK505020R0000
ZS4-BL

TE Part #1SNK505210R0000
ZS4-D2

TE Part #1SNK506020R0000
ZS6-BL

TE Part #1SNK508010R0000
ZS10

TE Part #1SNK522010R0000
ZS70

TE Part #1SNK905310R0000
JB5-10

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNK506010R0000_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1SNK506010R0000_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1SNK506010R0000_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

ZS6

English

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SNK SERIES TERMINAL BLOCKS

English

ENTRELEC Terminal Blocks Catalogue (RUS)

Essential Entrelec Terminal Blocks

French

Essential Entrelec Terminal Blocks

English

Agency Approvals

ZK-ZS_ATEX_1SND225112U1006-C-TE

English