



Connectors > Terminal Blocks & Strips > Power Distribution Blocks > DBL Power Distribution Block: Screw clamp technology, 1 to 3 poles



Number of Poles: 3
Current Rating (IEC): 125 A
Current Rating (UL): 115 A
Number of Positions: 8
Contact Current Rating (Max): 125 A

[All DBL Power Distribution Block: Screw clamp technology, 1 to 3 poles \(12\)](#)

Features

Configuration Features

Number of Poles - Main Circuit	1
Number of Poles - Output 1	1
Number of Poles - Output 2	6
Number of Levels	1
Block Function	Feed-Through
Number of Circuits	1
Number of Poles	3
Number of Positions	8

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	1000 V
Voltage Rating (CSA)	1000 V
Peak Withstanding Current Rating	30 kA
Voltage Rating (IEC)	1500 VDC
Power Loss	12 W
Dielectric Withstanding Voltage (Max)	2200 V
Input Current (Max)	125 A



Current Rating (IEC)	125 A
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Current Rating (UL)	115 A
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Body Features

Primary Product Color	Gray
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Product Weight	367 g[12.945 oz]
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Contact Features

Contact Current Rating (Max)	125 A
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Termination Features

Termination Method to Wire & Cable	Screw
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Mechanical Attachment

Tightening Torque - Output 1	18 – 26.5 in-lbs
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DIN Rail Mounting Type	TH35-15, TH35-7.5
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Tightening Torque - Main Circuit	31 – 44 in-lbs
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Tightening Torque - Output 2	18 – 26.5 in-lbs
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Connector Mounting Type	DIN Rail
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Housing Features

Housing Material	Polyamide
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Dimensions

Output 1 Capacity - 1 Insulated Ferrule	14 – 6 AWG
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Output 2 Capacity - 1 Insulated Ferrule	14 – 6 AWG
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Output 2 Capacity - 1 Rigid Stranded Conductor	14 – 6 AWG
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Main Circuit Capacity - 1 Insulated Ferrule per Screw Clamp	10 – 35 mm²
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Main Circuit Capacity - 1 Rigid Stranded Conductor per Screw Clamp	8 – 2 AWG
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Output 1 Capacity - 1 Rigid Stranded Conductor	6 – 16 mm²
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Wire Stripping Length - Output 1	11 mm[.43 in]
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Wire Stripping Length - Main Circuit	15 mm[.591 in]
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Tool Size - Output 2	5.5 mm[.217 in]
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Hole Diameter - Output 1	6.8 mm[.267 in]
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Hole Diameter - Output 2	6.5 mm[.256 in]
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Tool Size - Output 1	3 mm[.118 in]
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Hole Diameter - Main Circuit	9.8 mm[.386 in]
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Wire Stripping Length - Output 2	11 mm[.43 in]
Tool Size - Main Circuit	4 mm[.157 in]
Product Spacing	84.6 mm[3.33 in]
Product Depth	50.7 mm[1.788 in]
Product Width	84.6 mm[2.984 in]
Product Height	75 mm[2.645 in]
Wire Size	35 mm ²

Usage Conditions

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

Industry Standards

Tool - Output 2	Positive Drive Flat Screwdriver
Tool - Output 1	Allen Key
Tool - Main Circuit	Allen Key
IP Rating	IP20
UL Flammability Rating	UL 94V-0

Product Compliance

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

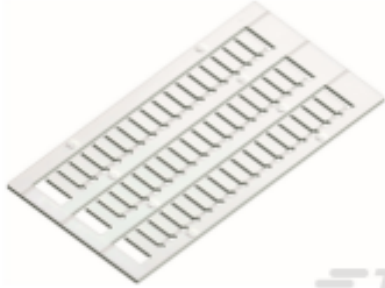
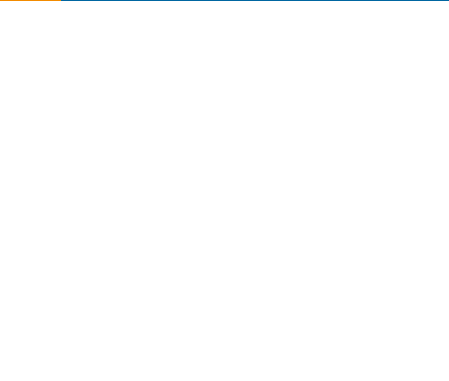
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (3.5% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
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

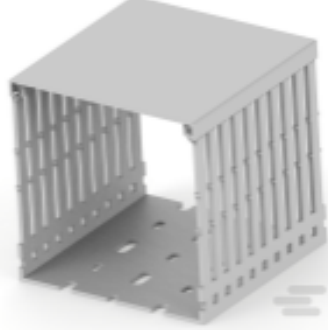


This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1SNK140000R0000 MC512	 TE Part # 1SNK900001R0000 BAM4	 TE Part # 1SNK900002R0000 BAZ1	 TE Part # 1SNK900102R0000 BAZH1
 TE Part # 1SNK149002R0000 MC512PA L1-L2-L3-N-PE (x20) Vertical	 TE Part # 1SNK149999R0000 MC512PA	 TE Part # 1SNA116900R2700 BADH	 TE Part # 1SNA399903R0200 BADL

Customers Also Bought

 TE Part #1SET411009R0000 PVC Wiring Duct: 2 meters, Gray Color, Flame-Retardant	 TE Part #62274-1 250 FASTON REC 22-18 AWG TPBR	 TE Part #1SNL317510R0000 DBL Power Distribution Block: Screw clamp technology, 1 to 3 poles	 TE Part #1SET111029R0000
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Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1SNL312530R0000_A.2d_dxf.zip

1SNL312530R0000

Power Distribution Blocks, 3 Pole, 115 A Current Rating (UL), 8 Position, DIN Rail, -55 – 110 °C [-67 – 230 °F]



English

Customer View Model

[ENG_CVM_CVM_1SNL312530R0000_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNL312530R0000_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 DBL Power Distribution Blocks Catalogue](#)

French

[ENTRELEC DBL Power Distribution Blocks Catalogue](#)

English

[Entrelec Compact Power Block](#)

English

[ENTRELEC Terminal Block - Master Catalog](#)

[ENTRELEC Terminal Block - Master Catalog](#)

English

[DBL Power-Distribution-Blocks](#)

English

[DBL125](#)

English

[ENTRELEC Compact Power Block](#)

English

[Essential Entrelec Terminal Blocks](#)

French

[Essential Entrelec Terminal Blocks](#)

English

[Essential Entrelec Terminal Blocks](#)

Japanese

Agency Approvals

[UL](#)

English