

1SNL350060R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SNL350060R0000

Power Distribution Blocks, Single Pole, 1 Pole, 420 A Current Rating (UL), 12 Position, Wire & Cable, Power, DIN Rail / Panel Mount

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Power Distribution Blocks



Number of Poles: 1

Circuit Configuration: **Single Pole**

Current Rating (IEC): **500 A**

Current Rating (UL): **420 A**

Number of Positions: **12**

Features

Product Type Features

Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Poles - Main Circuit	1
Block Configuration	Feed-Through
Number of Poles - Output 3	4
Number of Poles - Output 1	2
Number of Poles - Output 2	5
Number of Levels	1
Number of Circuits	1
Number of Poles	1
Circuit Configuration	Single Pole
Number of Positions	12

Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Short-Time Withstanding Current Rating @ 1s	28800 A
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	1000 V
Voltage Rating (CSA)	1000 V



Peak Withstanding Current Rating	44 kA
Voltage Rating (IEC)	1500 VDC
Dielectric Test Voltage	2200 V
Power Loss	16 W
Short Circuit Current Rating	100 kA
Input Current (Max)	500 A
Current Rating (IEC)	500 A
Current Rating (UL)	420 A

Body Features

Product Weight	514.2 g[18.138 oz]
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Contact Features

Contact Current Rating (Max)	500 A
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Mechanical Attachment

Tightening Torque - Output 1	31 – 44 in-lbs
DIN Rail Mounting Type	TH35-15, TH35-7.5
Connection Type	Screw
Tightening Torque - Main Circuit	119.5 in-lbs
Tightening Torque - Output 3	18 – 26.5 in-lbs
Tightening Torque - Output 2	18 – 26.5 in-lbs
Connector Mounting Type	DIN Rail, Panel Mount

Housing Features

Housing Material	Polyamide
Housing Color	Gray

Dimensions

Output 3 Capacity - 1 Insulated Ferrule	2.5 – 10 mm ²
Output 1 Capacity - 1 Insulated Ferrule	14 – 4 AWG
Output 2 Capacity - 1 Insulated Ferrule	14 – 6 AWG
Output 2 Capacity - 1 Rigid Stranded Conductor	14 – 6 AWG
Main Circuit Capacity - Flexible Bar	10 x 24 x 1 mm, 3 x 9 x 0.8 mm
Hole Diameter - Output 3	5.7 mm[.22 in]
Main Circuit Capacity - Solid Bar	12 x 4 mm, 2x 20 x 5 mm
Output 3 Capacity - 1 Rigid Stranded Conductor	2.5 – 10 mm ²

Output 1 Capacity - 1 Rigid Stranded Conductor	2.5 – 35 mm ²
Tool Size - Output 3	3 mm[.19 in]
Input Dimensions - Main Circuit	26 x 10.8 mm[1.02 x 0.43 in]
Wire Stripping Length - Output 1	11 mm[.43 in]
Wire Stripping Length - Main Circuit	35 mm[1.38 in]
Tool Size - Output 2	3 mm[.19 in]
Wire Stripping Length - Output 3	11 mm[.43 in]
Hole Diameter - Output 1	8.69 mm[.34 in]
Hole Diameter - Output 2	6.59 mm[.26 in]
Tool Size - Output 1	4 mm[.16 in]
Wire Stripping Length - Output 2	11 mm[.43 in]
Tool Size - Main Circuit	5 mm[.2 in]
Product Spacing	46 mm[1.81 in]
Product Depth	60 mm[2.36 in]
Product Width	46 mm[1.81 in]
Product Height	103 mm[4.06 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]

Operation/Application

Circuit Application	Power
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Industry Standards

Tool - Output 2	Allen Key
Tool - Output 1	Allen Key
Tool - Main Circuit	Allen Key
Tool - Output 3	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
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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 2022 (224)

Candidate List Declared Against: JUL 2021 (219)

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

Not Yet Reviewed for halogen content

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 # 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 # 1SNK149997R0000
MC512PA-GN

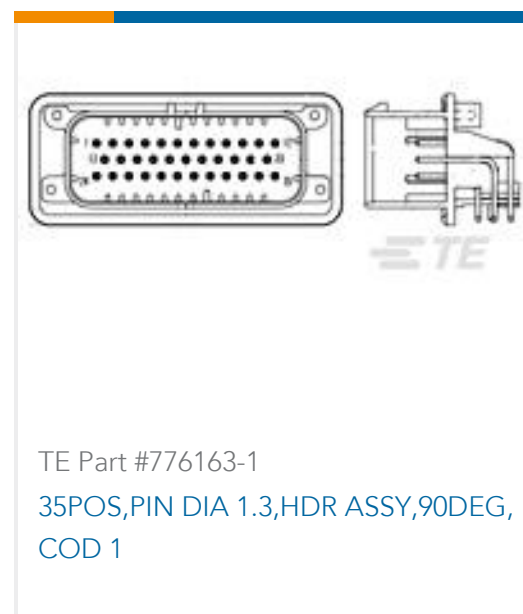


TE Part # 1SNK149998R0000
MC512PA-BL

Customers Also Bought



TE Part #172165-1
2 CIR UNIV M-N-L PLUG NATL



TE Part #776163-1
35POS, PIN DIA 1.3, HDR ASSY, 90DEG,
COD 1



TE Part #7-1618387-1
LEV200A5ANA=RELAY, SPST-NO



TE Part #9-1618389-8
LEV100A5ANG=RELAY, SPST, 24Vdc



TE Part #1SNL312510R0000
DBL125



TE Part #1SNL325010R0000
DBL250

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1SNL350060R0000_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNL350060R0000_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1SNL350060R0000_B.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 Terminal Block - Master Catalog](#)

English

[DBL Power-Distribution-Blocks](#)

English

[Essential Entrelec Terminal Blocks](#)

French

[Essential Entrelec Terminal Blocks](#)

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English