

1SNL325060R0000 ✓ ACTIVE

ENTRELEC

TE Internal #: 1SNL325060R0000

Power Distribution Blocks, Single Pole, 1 Pole, 250 A Current Rating (UL), 7 Position, Wire & Cable, Power, Panel Mount / DIN Rail

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > Power Distribution Blocks



Number of Poles: 1

Circuit Configuration: **Single Pole**

Current Rating (IEC): **250 A**

Current Rating (UL): **250 A**

Number of Positions: 7

## Features

### Product Type Features

Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Number of Poles - Main Circuit	1
Number of Poles - Output 1	6
Block Configuration	Feed-Through
Number of Levels	1
Number of Circuits	1
Number of Poles	1
Circuit Configuration	Single Pole
Number of Positions	7

### Electrical Characteristics

Impulse Withstanding Voltage Rating (IEC)	8000 V
Power Loss	8 W
Short-Time Withstanding Current Rating @ 1s	11400 A
Voltage Rating (IEC)	1000 VAC
Operating Voltage Rating (UL & CSA) (Max) - Main Circuit	1000 V
Voltage Rating (CSA)	1000 V



Peak Withstanding Current Rating	23 kA
Dielectric Test Voltage	2200 V
Input Current (Max)	250 A
Current Rating (IEC)	250 A
Current Rating (UL)	250 A

### Body Features

Product Weight	224 g
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### Contact Features

Contact Current Rating (Max)	250 A
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### Mechanical Attachment

Tightening Torque - Output 1	18 – 26.5 in-lbs
Connection Type	Screw
Tightening Torque - Main Circuit	120 in-lbs
Connector Mounting Type	DIN Rail, Panel Mount

### Housing Features

Housing Material	Polyamide
Housing Color	Gray

### Dimensions

Output 1 Capacity - 1 Insulated Ferrule	14 – 6 AWG
Wire Stripping Length - Main Circuit	15 mm[.59 in]
Main Circuit Capacity - Flexible Bar	3 x 9 x 0.8 mm, 6 x 15.5 x 0.8 mm
Main Circuit Capacity - Solid Bar	12 x 4 mm
Hole Diameter - Output 1	6.7 mm[.26 in]
Output 1 Capacity - 1 Rigid Stranded Conductor	14 – 6 AWG
Input Dimensions - Main Circuit	15.5 x 7.2 mm[0.59 x 0.28 in]
Tool Size - Output 1	5.5 mm[.22 in]
Wire Stripping Length - Output 1	11 mm[.43 in]
Tool Size - Main Circuit	5 mm[.2 in]
Product Spacing	29 mm[1.14 in]
Rated Cross Section	6 mm <sup>2</sup>
Product Depth	50.7 mm[2 in]
Product Width	29 mm[1.14 in]

Product Height	75 mm[2.95 in]
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### 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 1	Flat Screwdriver
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (3.5% in Component Part) <b>Article Safe Usage Statements:</b> 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



## Customers Also Bought



## Documents

### CAD Files

3D PDF

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNL325060R0000\\_A.2d\\_dxf.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNL325060R0000\\_A.3d\\_igs.zip](#)

English

### Customer View Model

[ENG\\_CVM\\_CVM\\_1SNL325060R0000\\_A.3d\\_stp.zip](#)



English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### 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](#)

English

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### Agency Approvals

[UL](#)

English