Power Terminal, Lug-to-Lug, 250 A



CATALOG NUMBER

SBLL-250

FEATURES

- Tinned copper block allows for copper or aluminum conductor connections
- Accessible studs allow for easy connection of sections of nVent ERIFLEX Flexibar or other conductors
- Design allows for visual inspection of conductor and confirmation of connection
- Adjustable transparent cover
- Modular snap-together blocks for building multi-pole power blocks
- Easily clips onto DIN rail or mounts to panel with screws
- SBLEC Power Terminals Fixing Accessory required for direct panel mount
- RoHS compliant
- Halogen free

PRODUCT ATTRIBUTES

Article Number: 561132
Material: Copper;Thermoplastic
Finish: Tinned
Max Current Rating, IEC: 290A
Max Current Rating, UL/CSA: 255A
Short Term Withstand Current (Icw) 1s: 14.4kA
Peak Short Circuit Current (Ipk): 42kA
Short Circuit Current Rating (SCCR): 100kA
Max Working Voltage, IEC (Ui): 1000;1500
Max Working Voltage, UL (Vin): 1000
Number of Stud Connections: 2

Stud Connection Conductor Width: 20 – 24 mm

Stud Connection Compact Stranded Wire Size: 10 – 120 mm²

Stud Connection Wire Size: #8 - 250 kcmil

Depth (D): 2.56"

Height (H): 8.1"

Width (W): 2.06"

A: 4 1/4"

Unit Weight: 0.35 lb

Certification Details: UL® 1059

Flammability Rating: UL® 94V-1

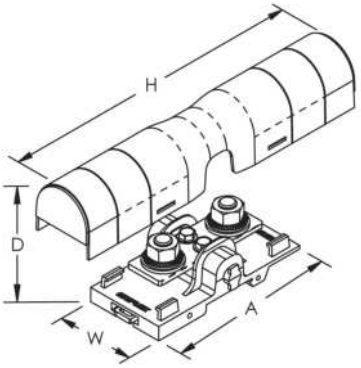
Complies With: IEC® 60947-7-1

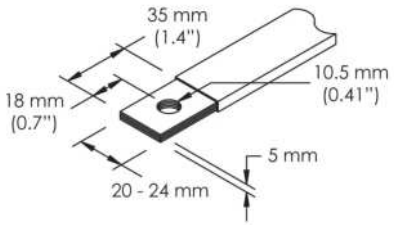
ADDITIONAL PRODUCT DETAILS

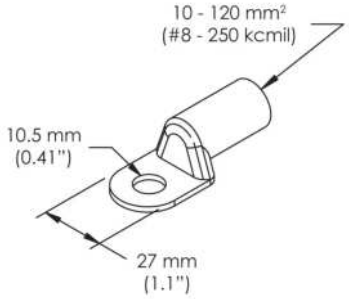
Power terminal connections are interchangeable and can be used as line side or load side connections.

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals										
Derating according to Ambient* Temperature (°F) to maintain working temperature of 185°F										
Ambient Temperature (°F)	86°	95°	104°	113°	122°	131°	140°	149°	158°	167°
Derating Coefficient (d)	1	1	1	0.94	0.88	0.82	0.75	0.67	0.58	0.47
*environment around the terminal blocks inside the enclosure										

DIAGRAMS







WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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