

SBLL-250 LUG-TO-LUG POWER TERMINAL



CERTIFICATIONS



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

SPECIFICATIONS

Table 1/4

Catalog Number	Article Number	Max Current Rating, UL/CSA	Max Current Rating, IEC	Peak Short Circuit Current (I _{pk})	Number of Stud Connections	Stud Connection Conductor Width
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SBLL-250	561132	255 A	290 A	42 kA	2	20 – 24 mm
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Table 2/4

Catalog Number	Article Number	Short Term Withstand Current (Icw) 1s	Stud Connection Wire Size	Stud Connection Compact Stranded Wire Size	Short Circuit Current Rating (SCCR)	Max Working Voltage, IEC (Ui)
SBLL-250	561132	14.4 kA	#8 - 250 kcmil	10 – 120 mm ²	100 kA	1,000 VAC, 1,500 VDC

Table 3/4

Catalog Number	Article Number	Max Working Voltage, UL (Vin)	Height (H)	Width (W)	A	Unit Weight
SBLL-250	561132	1,000 V	205.70 mm	52.300 mm	108 mm	0.160 kg

Table 4/4

Catalog Number	Article Number	Certification Details
SBLL-250	561132	UL® 1059

ADDITIONAL PRODUCT DETAILS

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

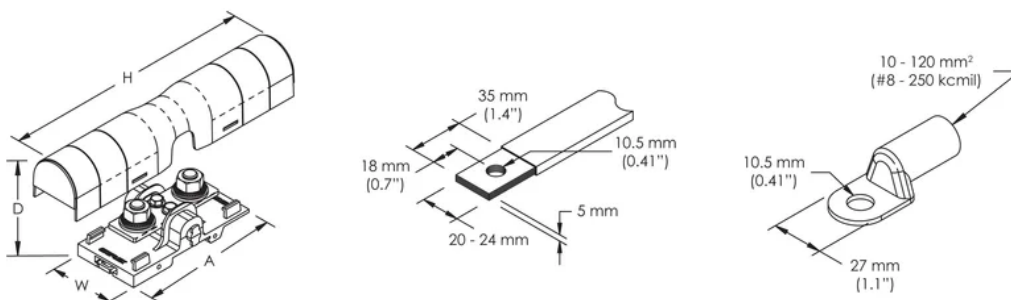
Design Guideline for Distribution Blocks, Power Blocks and Power Terminals

Derating according to Ambient* Temperature (°C) to maintain working temperature of 85°C

Ambient Temperature (°C)	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°
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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