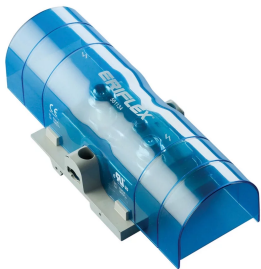


SBLL-500 LUG-TO-LUG POWER TERMINAL



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 1/5

Catalog Number	Article Number	Finish	Max Current Rating, IEC	Max Current Rating, UL/CSA	Short Circuit Current Rating (SCCR)	Peak Short Circuit Current (I _{pk})
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SBLL-500	561134	Tinned	750A	475A	100kA	51kA
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Table 2/5

Catalog Number	Article Number	Material	Number of Stud Connections	Stud Connection Conductor Width	Short Term Withstand Current (Icw) 1s	Stud Connection Wire Size
SBLL-500	561134	Copper, Thermoplastic	2	20 – 40 mm	36kA	#6 - 700 kcmil

Table 3/5

Catalog Number	Article Number	Stud Connection Compact Stranded Wire Size	Max Working Voltage, IEC (Ui)	Max Working Voltage, UL (Vin)	Height (H)	Width (W)
SBLL-500	561134	16 – 400 mm ²	1000, 1500	1000	205.7mm	85.1mm

Table 4/5

Catalog Number	Article Number	Depth (D)	A	Unit Weight	Flammability Rating	Certification Details
SBLL-500	561134	65mm	108mm	0.34kg	UL® 94V-1	UL® 1059

Table 5/5

Catalog Number	Article Number	Complies With
SBLL-500	561134	IEC® 60947-7-1

ADDITIONAL PRODUCT DETAILS

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

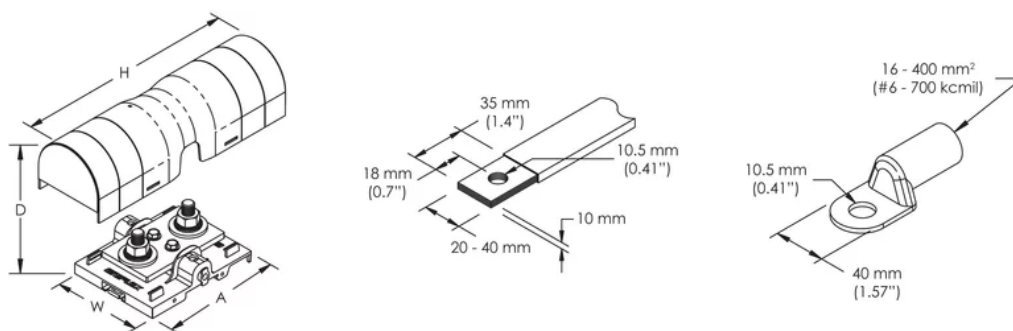
Design Guideline for Distribution Blocks, Power Blocks and Power Terminals

Derating according to Ambient* Temperature (°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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