

# SBLL-800 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**

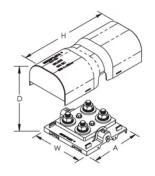
Catalog Number	SBLL-800
Article Number	561136
Material	Copper Thermoplastic

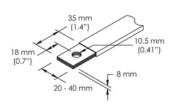
Catalog Number	SBLL-800					
Finish	Tinned					
Max Current Rating, IEC	1250A					
Max Current Rating, UL/CSA	800A					
Short Term Withstand Current (Icw) 1s	57.6kA					
Peak Short Circuit Current (Ipk)	75kA					
Short Circuit Current Rating (SCCR)	100kA					
Max Working Voltage, IEC (Ui)	1000 1500					
Max Working Voltage, UL (Vin)	1000					
Number of Stud Connections	4					
Stud Connection Conductor Width	(2) 20 – 40 mm (1) 50 – 80 mm					
Stud Connection Compact Stranded Wire Size	(2) 25 – 300 mm <sup>2</sup>					
Stud Connection Wire Size	(2) #4 - 500 kcmil					
Depth (D)	2.95"					
Height (H)	8.1"					
Width (W)	4.53"					
A	4 1/4"					
Unit Weight	1.54 lb					
Certification Details	UL® 1059					
Flammability Rating	UL® 94V-1					
Complies With	IEC® 60947-7-1					

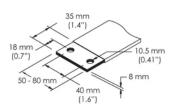
# ADDITIONAL PRODUCT DETAILS

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										









## **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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