

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

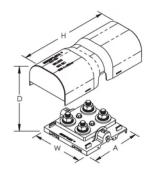
Catalog Number	SBLL-800
Article Number	561136
Material	Copper Thermoplastic

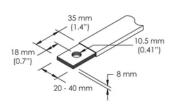
Catalog Number	SBLL-800						
Finish	Tinned						
Max Current Rating, IEC	1250A						
Max Current Rating, UL/CSA	800A						
Short Term Withstand Current (Icw) 1s	57.6kA						
Peak Short Circuit Current (Ipk)	75kA						
Short Circuit Current Rating (SCCR)	100kA						
Max Working Voltage, IEC (Ui)	1000 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 mm²						
Stud Connection Wire Size	(2) #4 - 500 kcmil						
Depth (D)	75mm						
Height (H)	205.7 mm						
Width (W)	115 mm						
А	108 mm						
Unit Weight	0.7 kg						
Certification Details	UL® 1059						
Flammability Rating	UL® 94V-1						
Complies With	IEC® 60947-7-1						

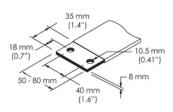
ADDITIONAL PRODUCT DETAILS

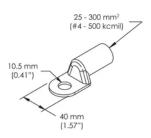
Power terminal connections are interchangeable and can be used as line side or load side connections.

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals											
Derating according to Ambient* Temperature (°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											









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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