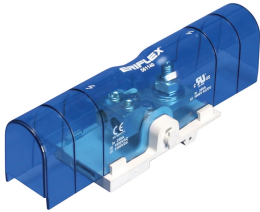


SBLT-250 LUG-TO-TUNNEL POWER TERMINAL



CERTIFICATIONS



FEATURES

Tinned copper block allows for copper or aluminum conductor connections

Accessible studs and tunnels allow for easy connection of nVent ERIFLEX Flexibar and 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

Product Attribute	Value
Catalog Number	SBLT-250
Item Name	561140
Material	Copper Thermoplastic
Finish	Tinned
Max Current Rating, IEC	350 A

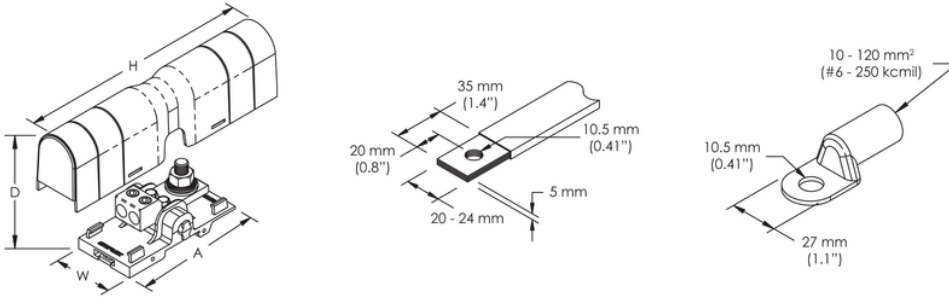
Product Attribute	Value
Max Current Rating, UL/CSA	300 A
Short Term Withstand Current (Icw) 1s	8.4 kA
Peak Short Circuit Current (Ipk)	30 kA
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (Ui)	1,000 VAC 1,500 VDC
Max Working Voltage, UL (Vin)	1,000 VAC/DC
Number of Stud Connections	1
Stud Connection Conductor Width	20 – 24 mm
Stud Connection Wire Size	#6 - 250 kcmil
Stud Connection Compact Stranded Wire Size	10 – 120 mm ²
Number of Tunnel Connections	2
Tunnel Connection Wire Size - Ferrule	(2) 10 – 35 mm ²
Tunnel Connection Compact Stranded Wire Size	(2) 10 – 50 mm ²
Tunnel Connection Wire Size	(2) #8 – 1/0
Depth(D)	65 mm
Width(W)	52.300 mm
Height(H)	205.70 mm
A	108 mm
Unit Weight	0.270 kg
Flammability Rating	UL@ 94V-1
Certification Details	UL@ 1059
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										

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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