

# SBTT-250 Tunnel-to-Tunnel Power Terminal



# **CERTIFICATIONS**



### **FEATURES**

Tinned copper block allows for copper or aluminum conductor connections

Accessible tunnels allow for easy connection of wire

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**

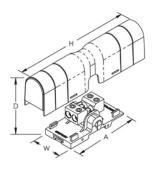
Catalog Number	SBTT-250
Article Number	561141
Material	Copper Thermoplastic

Catalog Number	SBTT-250					
Finish	Tinned					
Max Current Rating, IEC	350A					
Max Current Rating, UL/CSA	300A					
Short Term Withstand Current (Icw) 1s	8.4kA					
Peak Short Circuit Current (Ipk)	30kA					
Short Circuit Current Rating (SCCR)	100kA					
Max Working Voltage, IEC (Ui)	1000 1500					
Max Working Voltage, UL (Vin)	1000					
Number of Tunnel Connections	4					
Tunnel Connection Compact Stranded Wire Size	(4) 10 - 50 mm <sup>2</sup>					
Tunnel Connection Wire Size - Ferrule	(4) 10 - 35 mm <sup>2</sup>					
Tunnel Connection Wire Size	(4) #8 - 1/0					
Depth (D)	66mm					
Height (H)	205.7 mm					
Width (W)	52.3 mm					
А	108 mm					
Unit Weight	0.26 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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