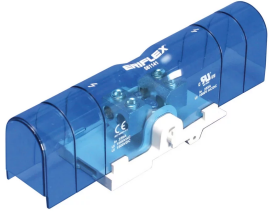


# SBTT-250 TUNNEL-TO-TUNNEL POWER TERMINAL



## 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
Finish	Tinned
Max Current Rating, IEC	350 A
Max Current Rating, UL/CSA	300 A
Short Term Withstand Current (Icw) 1s	8.4 kA
Peak Short Circuit Current (Ipk)	30 kA

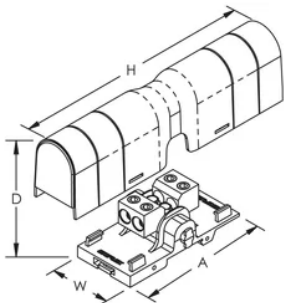
Catalog Number	SBTT-250
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (Ui)	1000 1500
Max Working Voltage, UL (Vin)	1000
Number of Tunnel Connections	4
Tunnel Connection Wire Size - Ferrule	(4) 10 – 35 mm <sup>2</sup>
Tunnel Connection Compact Stranded Wire Size	(4) 10 – 50 mm <sup>2</sup>
Tunnel Connection Wire Size	(4) #8 – 1/0
Depth (D)	66 mm
Width (W)	52.3 mm
Height (H)	205.7 mm
A	108 mm
Unit Weight	0.26 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](http://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.

**North America**  
+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical Support

**Europe**  
Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

**Europe**  
Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

**APAC**  
Shanghai:  
+ 86 21 2412 1618/19  
Sydney:  
+61 2 9751 8500



Our powerful portfolio of brands:  
**nVent.com CADDY ERICO HOFFMAN RAYCHEM SCHROFF**  
**TRACER**