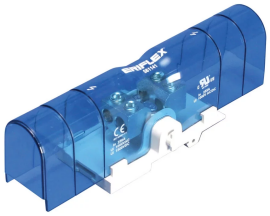
nVent
DATA-SOLUTIONS

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

Table 1/5

Catalog Number	Article Number	Finish	Max Current Rating, IEC	Max Current Rating, UL/CSA	Short Circuit Current Rating (SCCR)	Peak Short Circuit Current (Ipk)

SBTT-250	561141	Tinned	350A	300A	100kA	30kA

Table 2/5						
Catalog Number	**Article Number**	**Material**	**Short Term Withstand Current (Icw) 1s**	**Number of Tunnel Connections**	**Max Working Voltage, IEC (Ui)**	**Max Working Voltage, UL (Vin)**
SBTT-250	561141	Copper, Thermoplastic	8.4kA	4	1000, 1500	1000

Table 3/5						
Catalog Number	**Article Number**	**Tunnel Connection Wire Size - Ferrule**	**Tunnel Connection Compact Stranded Wire Size**	**Tunnel Connection Wire Size**	**Height (H)**	**Width (W)**
SBTT-250	561141	(4) 10 – 35 mm²	(4) 10 – 50 mm²	(4) #8 – 1/0	205.7mm	52.3mm

Table 4/5						
Catalog Number	**Article Number**	**Глубина мм (D)**	**A**	**Unit Weight**	**Flammability Rating**	**Certification Details**
SBTT-250	561141	66mm	108mm	0.26kg	UL® 94V-1	UL® 1059

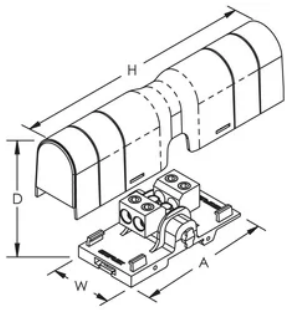
Table 5/5		
Catalog Number	**Article Number**	**Complies With**
SBTT-250	561141	IEC® 60947-7-1

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.