

# SBTT-350 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-350	561143	Tinned	500A	310A	100kA	43kA
			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-350	561143	Copper, Thermoplastic	22.2kA	2	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-350	561143	(2) 35 – 150 mm²	(2) 35 – 185 mm²	(2) #2 – 350 kcmil	205.7mm	52.3mm

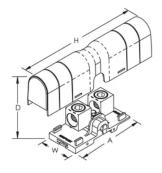
			Table 4/5			
Catalog Number	Article Number	Depth (D)	Α	Unit Weight	Flammability Rating	Certification Details
SBTT-350	561143	66mm	108mm	0.33kg	UL® 94V-1	UL® 1059

	Table 5/5					
Catalog Number	Article Number	Complies With				
SBTT-350	561143	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 main	ntain workir	ng temperati	ure 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



## 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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