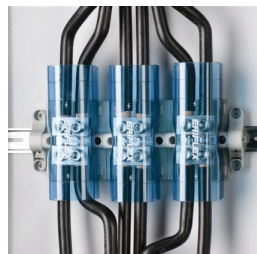
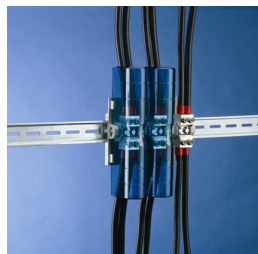
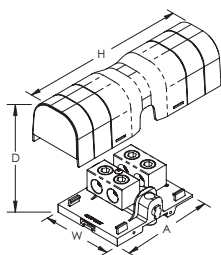


# SBTT-500 Tunnel-to-Tunnel Power Terminal – SBTT-500 (561145)



- 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
- Voltage detection and measurement connection
- Adjustable transparent cover
- Gangable 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
- Halogen free
- RoHS compliant



Part Number	SBTT-500
Article Number	561145
Material	Copper Thermoplastic
Finish	Tinned
Max Current Rating, IEC	750 A
Max Current Rating, UL/CSA	500 A
Short Term Withstand Current (I <sub>cw</sub> ) 1s	28.8 kA
Peak Short Circuit Current (I <sub>pk</sub> )	52 kA
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (U <sub>i</sub> )	1,000 VAC 1,500 VDC
Max Working Voltage, UL (V <sub>in</sub> )	1,000 VAC/DC
Number of Tunnel Connections	4
Tunnel Connection Compact Stranded Wire Size	(4) 16 – 120 mm <sup>2</sup>
Tunnel Connection Wire Size - Ferrule	(4) 16 – 120 mm <sup>2</sup>
Tunnel Connection Wire Size	(4) #6 – 250 kcmil
Depth (D)	66 mm
Height (H)	205.7 mm
Width (W)	85.1 mm

Part Number	SBTT-500
A	108 mm
Unit Weight	0.6 kg
Certification Details	UL® 1059
Flammability Rating	UL® 94V-1
Complies With	IEC® 60947-7-1
Certifications	cURus EAC 0234267 (Russian Federation) RoHS
Standard Packaging Quantity	1 pc
UPC	78285666127
EAN-13	8711893059540

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										

Power terminal connections are interchangeable and can be used as line side or load side connections.

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#### WARNING

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