

# Power Terminal, Tunnel-to-Tunnel, 800 A

## Data Solutions

### NUMĂR DE CATALOG

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### SBTT-800



### CERTIFICATIONS

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### CARACTERISTICI

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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

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

ATTRIBUTE PRODUS

|                                                                |
|----------------------------------------------------------------|
| Article Number: 561147                                         |
| Material: Copper; Thermoplastic                                |
| Finish: Tinned                                                 |
| Max Current Rating, IEC: 1250A                                 |
| Max Current Rating, UL/CSA: 760A                               |
| Short Term Withstand Current (Icw) 1s: 57.6kA                  |
| Peak Short Circuit Current (Ipk): 75kA                         |
| 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) 95 – 240 mm² |
| Tunnel Connection Wire Size - Ferrule: (4) 50 – 185 mm²        |
| Tunnel Connection Wire Size: (4) 3/0 – 500 kcmil               |
| Depth (D): 75mm                                                |
| Height (H): 205.7mm                                            |
| Width (W): 115mm                                               |
| A: 108mm                                                       |
| Unit Weight: 1.04kg                                            |
| Certification Details: UL® 1059                                |
| Flammability Rating: UL® 94V-1                                 |
| Complies With: IEC® 60947-7-1                                  |

DETALII SUPLIMENTARE DESPRE PRODUS

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

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## AVERTIZARE

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Produsele nVent trebuie instalate și utilizate numai așa cum este indicat în fișele de instrucțiuni și materialele de formare ale nVent. Fișele de instrucțiuni sunt disponibile pe [www.nvent.com](http://www.nvent.com) și de la reprezentantul dvs. de servicii clienți nVent. O instalare incorectă, o utilizare abuzivă, o aplicare greșită sau orice altă lipsă de respectare completă a instrucțiunilor și avertismentelor nVent poate duce la defectarea produsului, la deteriorarea proprietății, la răniri corporale grave și moarte și/sau poate anula garanția dvs.



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