

## VERMOGENAANSLUITBLOK TUNNEL-NAAR-TUNNEL, 800 A

### CATALOG NUMBER

**SBTT-800**



### 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

Voltage detection and measurement connection

Adjustable transparent cover

Modulaire blokken met klikbevestiging voor het bouwen van meerpoleige voedingsblokken

Easily clips onto DIN rail or mounts to panel with screws

SBLEC Power Terminals Fixing Accessory required for direct panel mount

RoHS compliant

Halogeenvrij

### PRODUCTKENMERKEN

Article Number: 561147

Material: Copper;Thermoplastic

Finish: Vertind

Max Current Rating, IEC: 1250 A

Max Current Rating, UL/CSA: 760 A

Short Term Withstand Current (Icw) 1s: 57,6 kA

Peak Short Circuit Current (I<sub>pk</sub>): 75 kA

Short Circuit Current Rating (SCCR): 100 kA

Max Working Voltage, IEC (U<sub>i</sub>): 1000;1500

Max Working Voltage, UL (V<sub>in</sub>): 1000

Number of Tunnel Connections: 4

Tunnel Connection Compact Stranded Wire Size: (4) 95 – 240 mm<sup>2</sup>

Tunnel Connection Wire Size - Ferrule: (4) 50 – 185 mm<sup>2</sup>

Tunnel Connection Wire Size: (4) 3/0 – 500 kcmil

Depth: 75 mm

Height: 205,7 mm

Width: 115 mm

A: 108 mm

Unit Weight: 1,04 kg

Certification Details: UL® 1059

Flammability Rating: UL® 94V-1

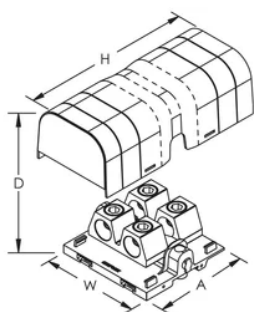
Complies With: IEC® 60947-7-1

## 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



## WAARSCHUWING

Producten van nVent moeten worden geïnstalleerd en gebruikt op de manier zoals is aangegeven in de nVent productinformatiebladen en trainingsmaterialen. U kunt de productinformatiebladen downloaden van [www.nvent.com](http://www.nvent.com) of opvragen bij uw nVent-klantenservice. Door onjuist installeren, verkeerd gebruik, verkeerde toepassing of enige andere handeling in strijd met de instructies en waarschuwingen van nVent kan het product mogelijk niet correct werken, ernstig of fataal letsel en materiële schade veroorzaken en/of uw garantie ongeldig maken.

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