

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

## Data Solutions

### KATALOGNUMMER

**SBLL-800**



### CERTIFICERINGER



### FUNKTIONER

Tinned copper block allows for copper or aluminum conductor connections

Accessible studs allow for easy connection of sections of nVent ERIFLEX Flexibar or other conductors

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

PRODUKTEGENSKABER

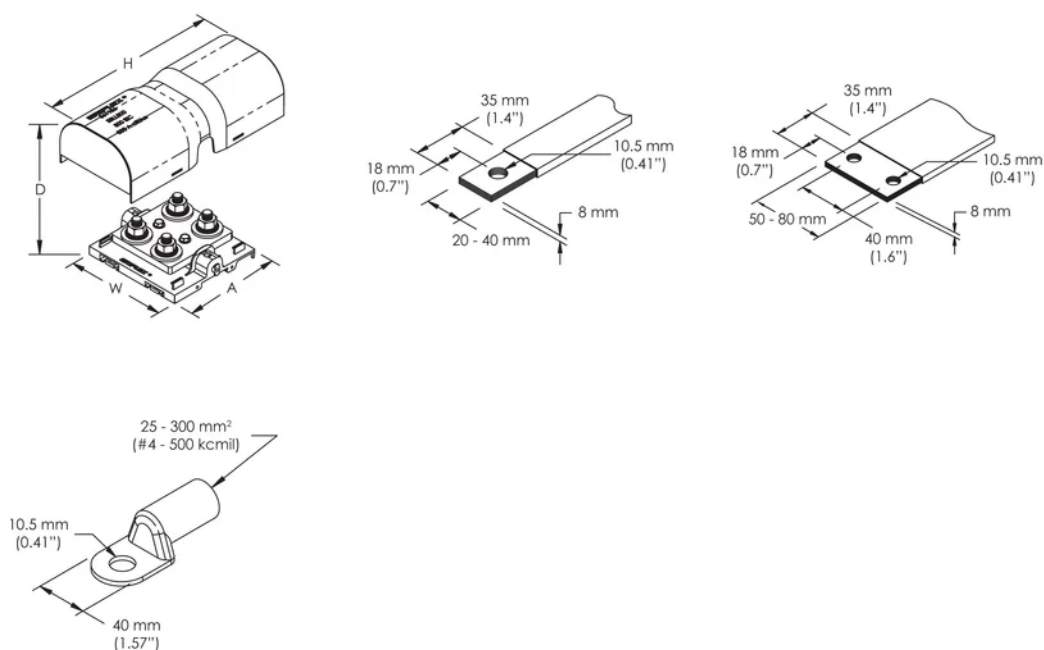
|                                                                 |
|-----------------------------------------------------------------|
| Artikelnummer: 561136                                           |
| Materiale: Copper; Thermoplastic                                |
| Finish: Tinned                                                  |
| Max Current Rating, IEC: 1250A                                  |
| Max Current Rating, UL/CSA: 800A                                |
| 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 Stud Connections: 4                                   |
| Stud Connection Conductor Width: (2) 20 – 40 mm; (1) 50 – 80 mm |
| Stud Connection Compact Stranded Wire Size: (2) 25 – 300 mm²    |
| Stud Connection Wire Size: (2) #4 - 500 kcmil                   |
| Dybde (D): 75mm                                                 |
| Height (H): 205.7mm                                             |
| Width (W): 115mm                                                |
| A: 108mm                                                        |
| Unit Weight: 0.7kg                                              |
| Certification Details: UL® 1059                                 |
| Flammability Rating: UL® 94V-1                                  |
| Complies With: IEC® 60947-7-1                                   |

YDERLIGERE PRODUKTOPLYSNINGER

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



## ADVARSEL

nVent-produkter skal kun installeres og anvendes som angivet i nVents produktvejledninger og træningsmaterialer. Vejledninger er tilgængelige på [www.nvent.com](http://www.nvent.com) og hos din nVent kundeservicerepræsentant. Forkert installation, misbrug, fejlanvendelse eller anden undladelse af fuldt ud at følge nVents instruktioner og advarsler kan medføre funktionsfejl, materielle skader, alvorlige personskader eller død og/eller ugyldiggøre din garanti.



Vores kraftfulde portefølje af mærker:

**CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE**