

# Two Pole Distribution Block, 100/125 A, 1 Line Side & 6 Load Side Connections

## Data Solutions

### KATALOGNUMMER

**BD-100-125A**



### CERTIFICERINGER



### FUNKTIONER

Minimum space for maximum power

Protection cover and insulating screens are transparent

Insulating screen between each row

Easy and safe connections

Input separated from outputs

Wiring with or without terminal

Easily clips onto DIN rail or mounts to panel with screws

RoHS compliant

Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22

Halogen free

## PRODUKTEGENSKABER

Artikelnummer: 563800

Max Current Rating, IEC: 125A

Short Term Withstand Current (I<sub>cw</sub>) 1s: 4.5kA

Peak Short Circuit Current (I<sub>pk</sub>): 30kA

Max Working Voltage, IEC (U<sub>i</sub>): 690V

Line Side Number of Connections: 1

Line Side Compact Stranded Wire Size: 10 - 35 mm<sup>2</sup>

Line Side Stranded Wire Size - Ferrule: 10 – 35mm<sup>2</sup>

Load Side Number of Connections: 6

Load Side Compact Stranded Wire Size: (5) 2,5 - 6 mm<sup>2</sup>; (1) 10 - 25 mm<sup>2</sup>

Load Side Stranded Wire Size - Ferrule: (5) 1,5 – 6 mm<sup>2</sup>; (1) 6 – 16 mm<sup>2</sup>

Dybde (D): 50mm

Height (H): 50mm

Width (W): 94mm

Unit Weight: 0.16kg

Flammability Rating: UL® 94V-0

Complies With: IEC® 60947-7-1

## YDERLIGERE PRODUKTOPLYSNINGER

Line side and load side number of connections are per pole.

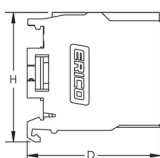
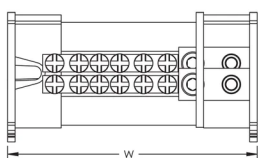
### Design Guideline for Distribution Blocks, Power Blocks and Power Terminals

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 unladelse 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**