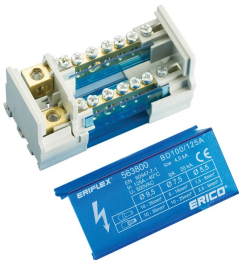


# BD Two Pole Distribution Block, 100/125 A

## Data Solutions



### CERTIFICERINGER

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### FUNKTIONER

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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

### SPECIFIKATIONER

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Table 1/2

Katalognummer	BD-100-125A	BD-100-125AL
Artikelnummer	563800	563810
Max Current Rating, IEC	125A	125A
Short Term Withstand Current (I <sub>cw</sub> ) 1s	4.5kA	4.5kA
Peak Short Circuit Current (I <sub>pk</sub> )	30kA	25kA
Max Working Voltage, IEC (U <sub>i</sub> )	690V	690V
Line Side Number of Connections	1	1
Line Side Compact Stranded Wire Size	10 - 35 mm <sup>2</sup>	10 - 35 mm <sup>2</sup>
Line Side Stranded Wire Size - Ferrule	10 – 35mm <sup>2</sup>	10 – 35mm <sup>2</sup>
Load Side Number of Connections	6	14
Load Side Compact Stranded Wire Size	(5) 2,5 - 6 mm <sup>2</sup> (1) 10 - 25 mm <sup>2</sup>	(11) 2,5 - 6 mm <sup>2</sup> (3) 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>	(11) 1,5 – 6 mm <sup>2</sup> (3) 6 – 16 mm <sup>2</sup>
Dybde (D)	50mm	50mm
Height (H)	50mm	50mm
Width (W)	94mm	162mm
Unit Weight	0.16kg	0.27kg
Flammability Rating	UL® 94V-0	UL® 94V-0

Table 2/2

Katalognummer	BD-100-125A	BD-100-125AL
Complies With	IEC® 60947-7-1	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

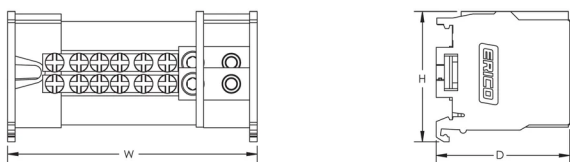
Derating according to Ambient\* Temperature (°C) to maintain working temperature of 85°C

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

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## ADVARSEL

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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**