

BD Two Pole Distribution Block, 80/100 A

Data Solutions



CERTIFICERINGER



FUNKTIONER

Minimum space for maximum power

Protection cover and insulating screens are transparent

Insulating screen between each row

Easy and safe connections

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

Table 1/2

Katalognummer	BD-80-100A	BD-80-100AL
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Artikelnummer	563900	563910
Max Current Rating, IEC	100A	100A
Short Term Withstand Current (I _{cw}) 1s	4.5kA	4.5kA
Peak Short Circuit Current (I _{pk})	20kA	20kA
Max Working Voltage, IEC (U _i)	500V	500V
Line Side Number of Connections	1	2
Line Side Compact Stranded Wire Size	10 - 25 mm ²	10 - 25 mm ²
Line Side Stranded Wire Size - Ferrule	10 – 25mm ²	10 – 25mm ²
Load Side Number of Connections	6	13
Load Side Compact Stranded Wire Size	(3) 1,5 - 4 mm ² (3) 2,5 - 6 mm ²	(6) 1,5 - 4 mm ² (7) 2,5 - 6 mm ²
Load Side Stranded Wire Size - Ferrule	(3) 0,75 – 4 mm ² (3) 1,5 – 6 mm ²	(6) 0,75 – 4 mm ² (7) 1,5 – 6 mm ²
Dybde (D)	50mm	50mm
Height (H)	50mm	50mm
Width (W)	64mm	130mm
Unit Weight	0.11kg	0.21kg
Flammability Rating	UL® 94V-0	UL® 94V-0

Table 2/2

Katalognummer	BD-80-100A	BD-80-100AL
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



ADVARSEL

nVent-produkter skal kun installeres og anvendes som angivet i nVents produktvejledninger og træningsmaterialer. Vejledninger er tilgængelige på 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:

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