

BD Two Pole Distribution Block, 40 A



CERTIFICATIONS



FEATURES

Minimum space for maximum power

Protection cover and insulating screens are transparent

Insulating screen between each row

Easy and safe connections

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

SPECIFICATIONS

Catalog Number	BD-40A
Article Number	563720
Max Current Rating, IEC	40A
Short Term Withstand Current (Icw) 1s	4.5kA

Catalog Number	BD-40A
Peak Short Circuit Current (I _{pk})	22kA
Max Working Voltage, IEC (U _i)	500
Line Side Number of Connections	2
Line Side Compact Stranded Wire Size	6 - 16 mm ²
Line Side Stranded Wire Size - Ferrule	4 - 10 mm ²
Load Side Number of Connections	15
Load Side Compact Stranded Wire Size	(15) 1,5 - 4 mm ²
Load Side Stranded Wire Size - Ferrule	(15) 0,75 – 4 mm ²
Depth (D)	50mm
Height (H)	50 mm
Width (W)	130 mm
Unit Weight	0.22 kg
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1

ADDITIONAL PRODUCT DETAILS

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



WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

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