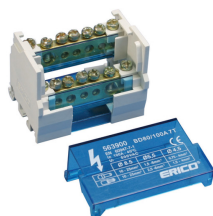
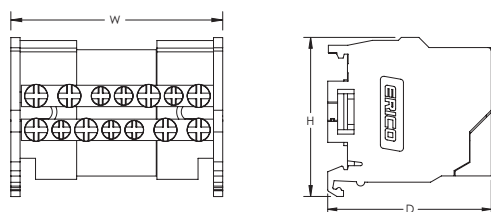


BD Two Pole Distribution Block, 80/100 A – BD-80-100A (563900)



- 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
- Halogen free plastic housing excluding the blue protection cover



Part Number	BD-80-100A
Article Number	563900
Max Current Rating, IEC	100 A
Short Term Withstand Current [I _{cw}] 1s	4.5 kA
Peak Short Circuit Current [I _{pk}]	20 kA
Max Working Voltage, IEC (U _i)	500 V
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	10 - 25 mm ²
Line Side Stranded Wire Size - Ferrule	10 - 25 mm ²
Load Side Number of Connections	6
Load Side Compact Stranded Wire Size	(3) 1,5 - 4 mm ² (3) 2,5 - 6 mm ²
Load Side Stranded Wire Size - Ferrule	(3) 0,75 - 4 mm ² (3) 1,5 - 6 mm ²
Depth [D]	50 mm
Height [H]	50 mm
Width [W]	64 mm
Unit Weight	0.11 kg
Flammability Rating	UL [®] 94V-0
Complies With	IEC [®] 60947-7-1
Certifications	CE, ERIFLEX BD EAC 02942 (Russian Federation) RoHS

Part Number	BD-80-100A
Standard Packaging Quantity	1 pc
UPC	78285685575
EAN-13	3479775639000

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										

Line side and load side number of connections are per pole.
Blue protection cover is less than 7% of the overall product weight.

IEC is a registered trademark of the International Electrotechnical Commission. UL, UR, cUL, cUR, cULus and cURus are registered certification marks of UL LLC.

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.erico.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.

© 2019 nVent All rights reserved

nVent, nVent CADDY, nVent ERICO, nVent ERIFLEX and nVent LENTON are owned by nVent or its global affiliates.

All other trademarks are the property of their respective owners. nVent reserves the right to change specifications without prior notice.