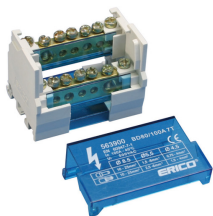
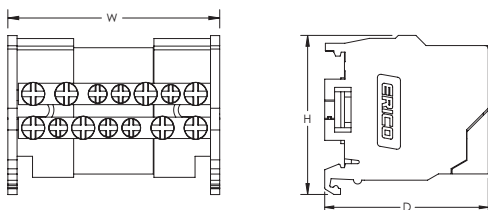


# BD Two Pole Distribution Block, 80/100 A – BD-80-100A (563900)



- Minimum space for maximum power
- Protection cover and insulating screens are transparent
- Insulating screen between each row
- Easy and safe connections
- Easily clips onto DIN rail or mounts to panel with screws
- Wiring with or without terminal
- Halogen free
- RoHS compliant



Part Number	BD-80-100A
Article Number	563900
Max Current Rating, IEC	100 A
Short Term Withstand Current [I <sub>cw</sub> ] 1s	4.5 kA
Peak Short Circuit Current [I <sub>pk</sub> ]	20 kA
Max Working Voltage, IEC (U <sub>i</sub> )	500 V
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	10 - 25 mm <sup>2</sup>
Line Side Stranded Wire Size - Ferrule	10 - 25 mm <sup>2</sup>
Load Side Number of Connections	6
Load Side Compact Stranded Wire Size	(3) 1,5 - 4 mm <sup>2</sup> (3) 2,5 - 6 mm <sup>2</sup>
Load Side Stranded Wire Size - Ferrule	(3) 0,75 - 4 mm <sup>2</sup> (3) 1,5 - 6 mm <sup>2</sup>
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	EAC 0234267 (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.

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**WARNING**

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