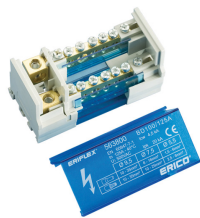
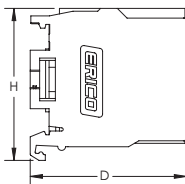
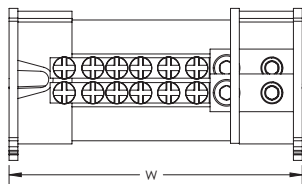


## BD Two Pole Distribution Block, 100/125 A – BD-100-125A (563800)



- 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



Part Number	BD-100-125A
Article Number	563800
Max Current Rating, IEC	125 A
Short Term Withstand Current [I <sub>cw</sub> ] 1s	4.5 kA
Peak Short Circuit Current [I <sub>pk</sub> ]	30 kA
Max Working Voltage, IEC (U <sub>i</sub> )	690 V
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	10 - 35 mm <sup>2</sup>
Line Side Stranded Wire Size - Ferrule	10 - 35 mm <sup>2</sup>
Load Side Number of Connections	6
Load Side Compact Stranded Wire Size	(5) 2,5 - 6 mm <sup>2</sup> (1) 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>
Depth [D]	50 mm
Height [H]	50 mm
Width [W]	94 mm
Unit Weight	0.16 kg
Flammability Rating	UL <sup>®</sup> 94V-0
Complies With	IEC <sup>®</sup> 60947-7-1
Certifications	CE, ERIFLEX BD EAC 02942 (Russian Federation) EN 45545 HL3/R23, UD/BD/TD/SB

Part Number	BD-100-125A
	RoHS
Standard Packaging Quantity	1 pc
UPC	78285687811
EAN-13	3479775638003

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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