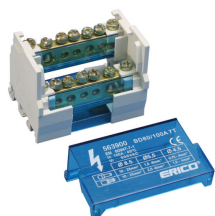
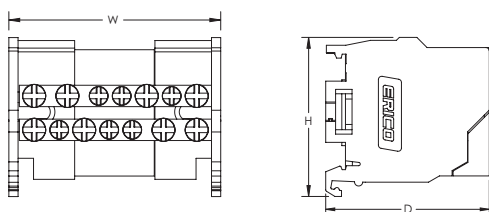


BD Two Pole Distribution Block, 80/100 A – BD-80-100A (563900)



- 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 _{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 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

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

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