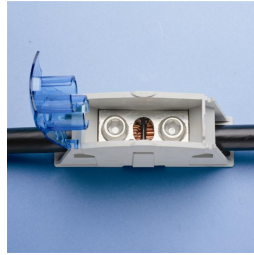
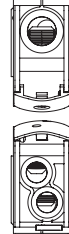
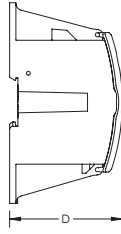
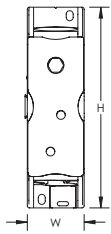


# Cable to Two Cables Power Block – SB2C400 (561154)



- Compact power block with high short circuit current rating
- Tinned copper or aluminum block allows for copper or aluminum conductor connections
- Screw retaining cover is hinged and removable
- Design allows for visual inspection of conductor and confirmation of connection
- Gangable for building multi-pole power blocks
- Easily clips onto DIN rail or mounts to panel with screws
- Voltage detection and measurement connection
- 95% fill ratio
- Halogen free
- RoHS compliant



|   |                              |
|---|------------------------------|
| Part Number                                   | SB2C400                      |
| Article Number                                | 561154                       |
| Finish  | Tinned                       |
| Material                                      | Copper<br>Thermoplastic      |
| Max Current Rating, IEC                       | 600 A                        |
| Max Current Rating, UL                        | 335 A                        |
| Peak Short Circuit Current (I <sub>pk</sub> ) | 51 kA                        |
| Short Circuit Current Rating (SCCR)           | 100 kA                       |
| Max Working Voltage, IEC (U <sub>i</sub> )    | 1,000 VAC<br>1,500 VDC       |
| Max Working Voltage, UL (V <sub>in</sub> )    | 1,000 VAC/DC                 |
| Line Side Number of Connections               | 1                            |
| Line Side Compact Stranded Wire Size          | 95 - 240 mm <sup>2</sup>     |
| Line Side Wire Size                           | 3/0 - 400 kcmil              |
| Load Side Number of Connections               | 2                            |
| Load Side Compact Stranded Wire Size          | (2) 35 - 120 mm <sup>2</sup> |
| Load Side Stranded Wire Size - Ferrule        | (2) 35 - 120 mm <sup>2</sup> |
| Load Side Wire Size                           | (2) #2 - 250 kcmil           |
| Enclosure Rating                              | IP 20                        |

|                             |  |
|-----------------------------|--|
| Part Number                 | SB2C400  |
| Depth (D)                   | 82.2 mm  |
| Height (H)                  | 146.4 mm   |
| Width (W)                   | 41.5 mm  |
| Unit Weight                 | 0.73 kg  |
| Certification Details       | UL® 1059   |
| Flammability Rating         | UL® 94V-0  |
| Complies With               | IEC® 60947-7-1                                       |
| Certifications              | CE<br>EAC 0234267 (Russian Federation)<br>RoHS<br>UR |
| Standard Packaging Quantity | 1 pc   |
| UPC                         | 78285679041  |
| EAN-13                      | 8711893137347  |

| 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                            |     |     |     |      |      |      |      |      |      |      |

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**WARNING**

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