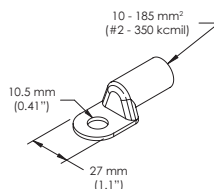
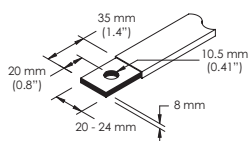
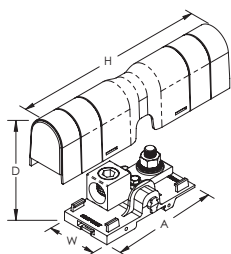


# SBLT-350 Lug-to-Tunnel Power Terminal – SBLT-350 (561142)



- Tinned copper block allows for copper or aluminum conductor connections
- Accessible studs and tunnels allow for easy connection of ERIFLEX FLEXIBAR and other conductors
- Design allows for visual inspection of conductor and confirmation of connection
- Adjustable transparent cover
- Gangable for building multi-pole power blocks
- Easily clips onto DIN rail or mounts to panel with screws
- SBLEC Power Terminals Fixing Accessory required for direct panel mount
- Halogen free
- RoHS compliant



|                                                    |                          |
|----------------------------------------------------|--------------------------|
| Part Number                                        | SBLT-350                 |
| Article Number                                     | 561142                   |
| Material                                           | Copper<br>Thermoplastic  |
| Finish                                             | Tinned                   |
| Max Current Rating, IEC                            | 500 A                    |
| Max Current Rating, UL/CSA                         | 310 A                    |
| Short Term Withstand Current [I <sub>cw</sub> ] 1s | 22.2 kA                  |
| Peak Short Circuit Current [I <sub>pk</sub> ]      | 43 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             |
| Number of Stud Connections                         | 1                        |
| Stud Connection Conductor Width                    | 20 – 24 mm               |
| Stud Connection Compact Stranded Wire Size         | 10 – 185 mm <sup>2</sup> |
| Stud Connection Wire Size                          | #2 – 350 kcmil           |
| Number of Tunnel Connections                       | 1                        |
| Tunnel Connection Compact Stranded Wire Size       | 35 – 185 mm <sup>2</sup> |
| Tunnel Connection Wire Size - Ferrule              | 35 – 150 mm <sup>2</sup> |
| Tunnel Connection Wire Size                        | #2 – 350 kcmil           |

|                             |                                                   |
|-----------------------------|---------------------------------------------------|
| Part Number                 | SBLT-350                                          |
| Depth (D)                   | 65 mm                                             |
| Height (H)                  | 205.7 mm                                          |
| Width (W)                   | 52.3 mm                                           |
| A                           | 108 mm                                            |
| Unit Weight                 | 0.35 kg                                           |
| Certification Details       | UL® 1059                                          |
| Flammability Rating         | UL® 94V-1                                         |
| Complies With               | IEC® 60947-7-1                                    |
| Certifications              | cURus<br>EAC 0234267 (Russian Federation)<br>RoHS |
| Standard Packaging Quantity | 1 pc                                              |
| UPC                         | 78285666124                                       |
| EAN-13                      | 8711893059519                                     |

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

Power terminal connections are interchangeable and can be used as line side or load side connections.

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#### WARNING

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