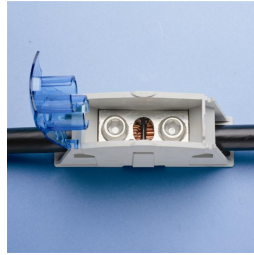
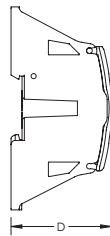
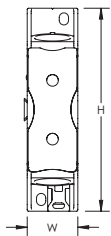


# Cable to Cable Power Block – SB80AL (561160)



- 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
- 95% fill ratio
- Halogen free
- RoHS compliant



Part Number	SB80AL
Article Number	561160
Material	Aluminum Thermoplastic
Finish	Tinned
Max Current Rating, IEC	105 A
Max Current Rating, UL/CSA	85 A
Peak Short Circuit Current (Ipk)	22 kA
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (Ui)	1,000 VAC 1,500 VDC
Max Working Voltage, UL (Vin)	1,000 VAC/DC
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	6 - 16 mm <sup>2</sup> #16 - #4
Line Side Solid Wire Size	2.5 - 6 mm <sup>2</sup> #16 - #10
Load Side Number of Connections	1
Load Side Compact Stranded Wire Size	6 - 16 mm <sup>2</sup> #16 - #4
Load Side Stranded Wire Size - Ferrule	6 - 16 mm <sup>2</sup>
Load Side Solid Wire Size	2.5 - 6 mm <sup>2</sup> #16 - #10

Part Number	SB80AL
Enclosure Rating	IP 20
Depth (D)	42 mm
Height (H)	84 mm
Width (W)	17.3 mm
Unit Weight	0.036 kg
Certification Details	UL® 1059
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1
Certifications	CE cURus RoHS
Standard Packaging Quantity	1 pc
UPC	78285691266
EAN-13	8711893155150

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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