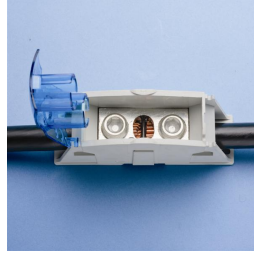
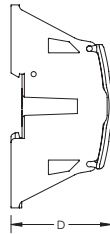
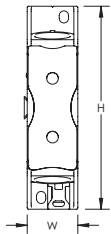


Cable to Cable Power Block – SB80 (561150)



- 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	SB80
Article Number	561150
Material	Copper Thermoplastic
Finish	Tinned
Max Current Rating, IEC	110 A
Max Current Rating, UL	85 A
Peak Short Circuit Current (I _{pk})	25 kA
Short Circuit Current Rating (SCCR)	100 kA
Max Working Voltage, IEC (U _i)	1,000 VAC 1,500 VDC
Max Working Voltage, UL (V _{in})	1,000 VAC/DC
Line Side Number of Connections	1
Line Side Compact Stranded Wire Size	6 - 16 mm ² #16 - #10
Line Side Solid Wire Size	2.5 - 6 mm ² #16 - #10
Load Side Number of Connections	1
Load Side Compact Stranded Wire Size	6 - 16 mm ² #16 - #10
Load Side Stranded Wire Size - Ferrule	6 - 16 mm ²
Load Side Solid Wire Size	2.5 - 6 mm ² #16 - #10

Part Number	SB80
Enclosure Rating	IP 20
Depth (D)	1.65"
Height (H)	3.3"
Width (W)	0.68"
Unit Weight	0.1 lb
Certification Details	UL® 1059
Flammability Rating	UL® 94V-0
Complies With	IEC® 60947-7-1
Certifications	CE EAC 0234267 (Russian Federation) RoHS UR
Standard Packaging Quantity	1 pc
UPC	78285679035
EAN-13	8711893136371

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals										
Derating according to Ambient* Temperature [°F] to maintain working temperature of 185°F										
Ambient Temperature [°F]	86°	95°	104°	113°	122°	131°	140°	149°	158°	167°
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

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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