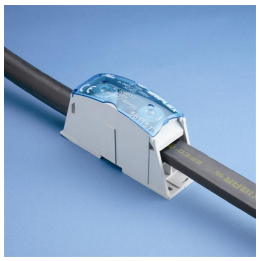
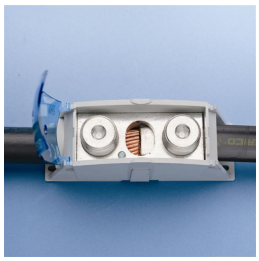
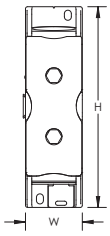
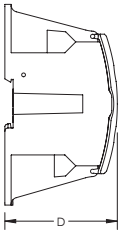
Cable to ERIFLEX FLEXIBAR/Insulated Power Braid Power Block – SBF400AL (561165)

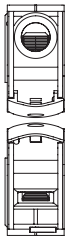






- Directly connect ERIFLEX FLEXIBAR or insulated power braid on line side
- Compact power block with high short circuit current rating
- Tinned copper or aluminum block allows for copper or aluminum conductor connections
- Screw retaining cover is hinged and removable
- Design allows for visual inspection 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	SBF400AL
Article Number	561165
Material	Aluminum Thermoplastic
Finish	Tinned
Max Current Rating, ERIFLEX FLEXIBAR, IEC	510 A
Max Current Rating, Insulated Power Braid, IEC	450 A
Max Current Rating, ERIFLEX FLEXIBAR, UL/CSA	335 A
Max Current Rating, Insulated Power Braid, UL/CSA	240 A
Peak Short Circuit Current (Ipk)	51 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 Insulated Power Braid Cross Section	100 mm²
Load Side Number of Connections	1
Load Side Compact Stranded Wire Size	95 - 240 mm²
Load Side Wire Size	3/0 – 400 kcmil

Part Number	SBF400AL
Enclosure Rating	IP 20
Depth (D)	82 mm
Height (H)	146.4 mm
Width (W)	41.5 mm
Unit Weight	0.267 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	78285691271
EAN-13	8711893155419

Line Side ERIFLEX FLEXIBAR Size			
Part Number	Number of Layers	Conductor Width	Lamination Thickness
SBF400	2 - 5	20 - 24 mm	1 mm
SBF630	2 - 8	20 - 32 mm	1 mm

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										