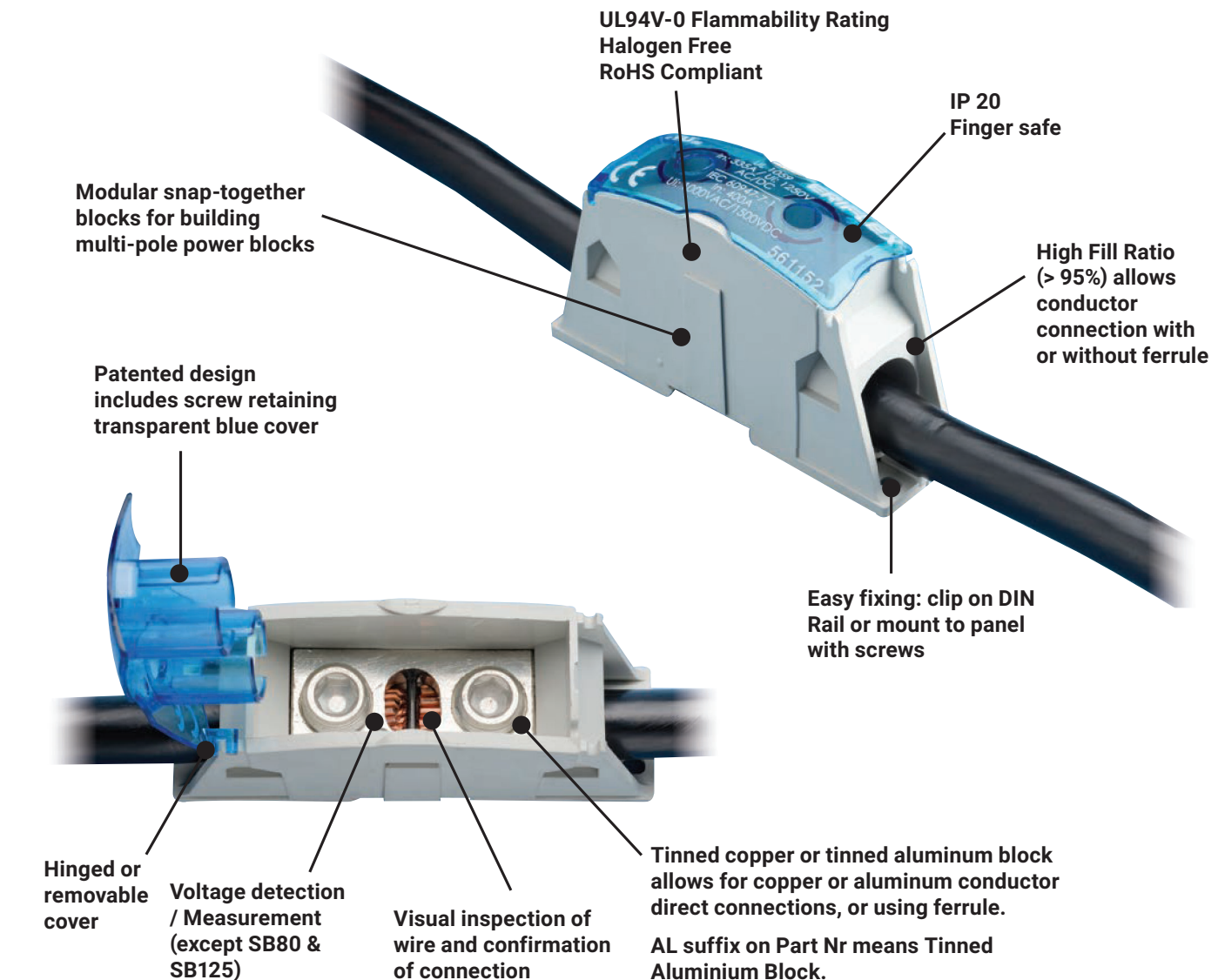


Power Blocks – SB Series

MAIN FEATURES

Economical Solution in a Compact Footprint



- Tested and Certified according to IEC 60947-7-1 $U_i=1000V$ AC / $1500V$ DC
- UL 1059 Recognized or UL 1953 Listed in function of the model
- Short Circuit Current Rated up to 100 kA (refer to UL file E198301)
- Halogen Free
- RoHS Compliant



Power Blocks – Quick Selection Guide

POWER BLOCKS (SB SERIES) – QUICK SELECTION GUIDE

Part number	Article number	Max IEC Current	Max UL Current	Line side : Nbre of connection	Line side Min and Max conductor size	Load side : Nbre of connection	Load side Min and Max conductor size	Max working voltage IEC	Max working voltage UL
SB80AL	561160	105 A	85 A	 1 Cable	6–16 mm ² #16–#4	 1 Cable	6–16 mm ² #16–#4	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB80	561150	110 A	85 A	 1 Cable	6–16 mm ² #16–#4	 1 Cable	6–16 mm ² #16–#4	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB125	561158	170 A	150 A	 1 Cable	10–35 mm ² #8–1/0	 1 Cable	10–35 mm ² #8–1/0	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB125AL	561161	185 A	150 A	 1 Cable	10–35 mm ² #8–1/0	 1 Cable	10–35 mm ² #8–1/0	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB160AL	561162	230 A	200 A	 1 Cable	35–70 mm ² #2–3/0	 1 Cable	35–70 mm ² #2–3/0	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB160	561151	250 A	200 A	 1 Cable	35–70 mm ² #2–3/0	 1 Cable	35–70 mm ² #2–3/0	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB250AL	561163	400 A	255 A	 1 Cable	35–120 mm ² #6–250 kcmil	 1 Cable	35–120 mm ² #6–250 kcmil	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB250	561159	400 A	255 A	 1 Cable	35–120 mm ² #6–250 kcmil	 1 Cable	35–120 mm ² #6–250 kcmil	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB2C250	561170	550 A	255 A	 1 Cable	35–120 mm ² #6–250 kcmil	 2 Cables	(2) 35–120 mm ² (2) #6–250 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF250	561171	380 A 330 A	255 A	 Flat Conductor	Flexibar 2X20X1– 5X20X1 IBS/IBSB 50–70 mm ²	 1 Cable	35–120 mm ² #6–250 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB2C400AL	561166	670 A	335 A	 1 Cable	95–240 mm ² 3/0–400 kcmil	 2 Cables	(2) 35–120 mm ² (2) #2–250 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB2C400	561154	600 A	335 A	 1 Cable	95–240 mm ² 3/0–400 kcmil	 2 Cables	(2) 35–120 mm ² (2) #2–250 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF400AL	561165	510 A 450 A	335 A 240 A	 Flat Conductor	Flexibar 2x20x1–5x24x1 IBS/IBSB 100 mm ²	 1 Cable	95–240 mm ² 3/0–400 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF400	561153	445 A 405 A	335 A	 Flat Conductor	Flexibar 2x20x1–5x24x1 IBS/IBSB 100 mm ²	 1 Cable	95–240 mm ² 3/0–400 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF2C400AL	561167	550 A 480 A	335 A	 Flat Conductor	Flexibar 2x20x1–5x24x1 IBS/IBSB 100 mm ²	 2 Cables	(2) 35–120 mm ² (2) #2–250 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF2C400	561155	560 A 500 A	335 A	 Flat Conductor	Flexibar 2x20x1–5x24x1 IBS/IBSB 100 mm ²	 2 Cables	(2) 35–120 mm ² (2) #2–250 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF2C250	561172	500 A 430 A	255 A	 Flat Conductor	Flexibar 2X20X1– 5X20X1 IBS/IBSB 50–70 mm ²	 2 Cables	(2) 35–120 mm ² (2) #6–250 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB400AL	561164	610 A	335 A	 1 Cable	95–240 mm ² 3/0–400 kcmil	 1 Cable	95–240 mm ² 3/0–400 kcmil	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB400	561152	500 A	335 A	 1 Cable	95–240 mm ² 3/0–400 kcmil	 1 Cable	95–240 mm ² 3/0–400 kcmil	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB630AL	561168	860 A	545 A	 1 Cable	240–500 mm ² 400–1,000 kcmil	 1 Cable	240–500 mm ² 400–1,000 kcmil	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB630	561156	870 A	545 A	 1 Cable	240–500 mm ² 400–1,000 kcmil	 1 Cable	240–500 mm ² 400–1,000 kcmil	1,000 VAC 1,500 VDC	1,250 VAC/DC
SBF630AL	561169	760 A 750 A	490 A 410 A	 Flat Conductor	Flexibar 2x20x1–8x32x1 IBS/IBSB 100–240 mm ²	 1 Cable	240–500 mm ² 400–1,000 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF630	561157	805 A 800 A	545 A	 Flat Conductor	Flexibar 2x20x1–8x32x1 IBS/IBSB 100–240 mm ²	 1 Cable	240–500 mm ² 400–1,000 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF2C630AL	561173	930 A 910 A	760 A	 Flat Conductor	Flexibar 2x20x1–8x32x1 IBS/IBSB 240 mm ²	 2 Cables	(2) 35–240 mm ² (2) #2–500 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB2C1000AL	561174	1,020 A	545 A	 1 Cable	240–500 mm ² 400–1,000 kcmil	 2 Cables	(2) 35–300 mm ² (2) #2–600 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB2C2C1000AL	561175	1,150 A	840 A	 2 Cables	(2) 35–300 mm ² (2) #2–600 kcmil	 2 Cables	(2) 35–300 mm ² (2) #2–600 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF3C1000AL	561176	1,420 A	1,260 A	 Flat Conductor	Flexibar 2X20X1– 10X50X1	 3 Cables	(3) 35–300 mm ² (3) #2–600 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC
SBF4C1600AL	561177	1,940 A	1,680 A	 Flat Conductor	Flexibar 6X50X1– 10X80X1	 4 Cables	(4) 35–300 mm ² (4) #2–600 kcmil	1,000 VAC 1,500 VDC	1,000 VAC/DC

Power Blocks



SB80AL

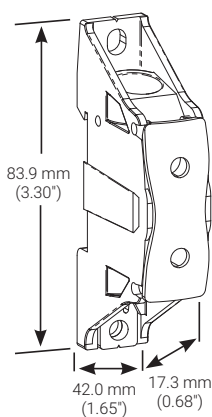


SB80

SB80AL
105 A – IEC
85 A – US

Cable to cable

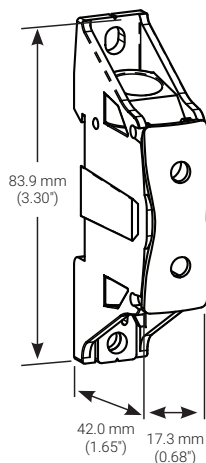
- Icw kA rms 1s: 3.0
- Ipk kA: 22
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1000 V AC/DC UL



SB80
110 A – IEC
85 A –

Cable to Cable

- Icw kA rms 1s: 3.0
- Ipk kA: 25
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1000 V AC/DC UL



Metric				
No. Terminals		Conductor	Size mm ²	Ø mm
	x1		2.5–6	8.2
			6–16	
			6–16	
	x1		2.5–6	8.2
			6–16	
			6–16	

Imperial				
No. Terminals		Conductor	Size AWG	Ø in
	x1		#16–#10	0.32
			#16–#4	
			#16–#4	
	x1		#16–#10	0.32
			#16–#4	
			#16–#4	

- Solid cable
- Rigid stranded cable
- Flexible stranded cable

Art. Nr.	Description		kg/lbs
561160	SB80AL	1	0.036 / 0.08

Metric				
No. Terminals		Conductor	Size mm ²	Ø mm
	x1		2.5–6	8.2
			6–16	
			6–16	
	x1		2.5–6	8.2
			6–16	
			6–16	

Imperial				
No. Terminals		Conductor	Size AWG	Ø in
	x1		#16–#10	0.32
			#16–#4	
			#16–#4	
	x1		#16–#10	0.32
			#16–#4	
			#16–#4	

- Solid cable
- Rigid stranded cable
- Flexible stranded cable

Art. Nr.	Description		kg/lbs
561150	SB 80	1	0.04/0.10

Power Blocks

SB125



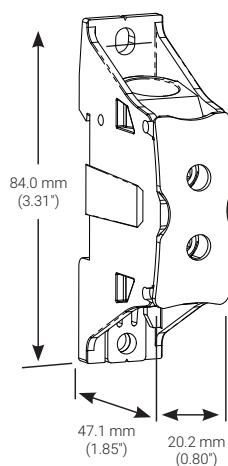
SB125AL



SB125
170 A – IEC
150 A – 

Cable to cable

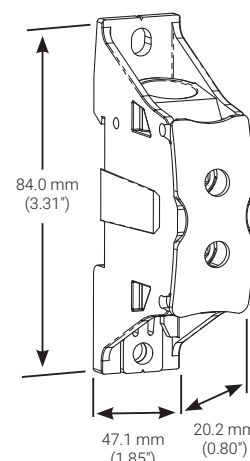
- Icw kA rms 1s : 6.0
- Ipk kA : 25
- Ui : 1000 V AC IEC
- Ui : 1500 V DC IEC
- Vin: 1250 VAC/DC UL



SB125AL
185 A – IEC
150 A – 

Cable to cable

- Icw kA rms 1s : 6.0
- Ipk kA : 22
- Ui : 1000 VAC IEC
- Ui : 1500 VDC IEC
- Vin: 1250 VAC/DC UL



Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
 x1 	 	10–35	10.1	
 x1 	 	10–35	10.1	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
 x1 	 	#8–1/0	0.40	
 x1 	 	#8–1/0	0.40	

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561158	SB 125	1	0.07/0.15

Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
 x1 	 	10–35	10.1	
 x1 	 	10–35	10.1	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
 x1 		#8–1/0	0.40	
 x1 		#8–1/0	0.40	

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561161	SB125AL	1	0.045 / 0.1

Power Blocks

SB160AL



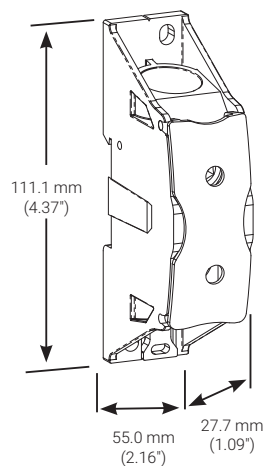
SB160



SB160AL
230 A – IEC
200 A – 

Cable to cable

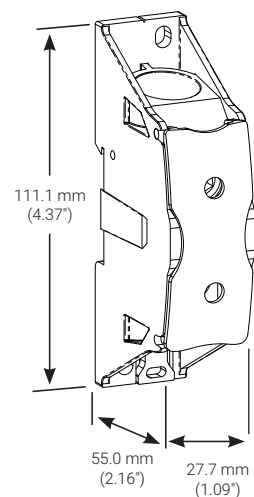
- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



SB160
250 A – IEC
200 A – 

Cable to Cable

- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1000 VAC/DC UL



Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x1		35-70	14.0
	x1		35-70	14.0

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1		#2-3/0	0.55
	x1		#2-3/0	0.55

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561162	SB160AL	1	0.1 / 0.22

Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x1		35-70	14.0
	x1		35-70	14.0

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1		#2-3/0	0.55
	x1		#2-3/0	0.55

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561151	SB 160	1	0.18/0.40

Power Blocks

SB250AL



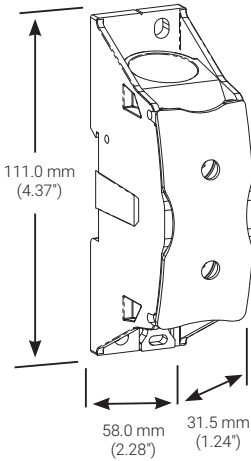
SB250



SB250AL
400 A – IEC
255 A – 

Cable to cable

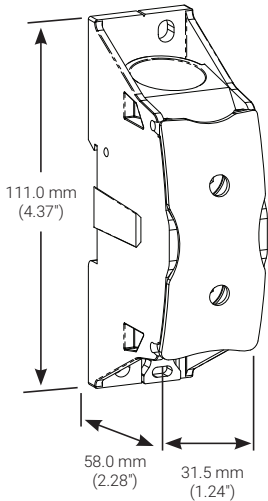
- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1250 VAC/DC UL



SB250
400 A – IEC
255 A – 

Cable to Cable

- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1250 VAC/DC UL



Metric				
	No. Terminals	Conductor	Size mm²	Ø mm
	x1 	 	35–120	15.1
	x1 	 	35–120	15.1

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1 	 	#6–250 kcmil	0.59
	x1 	 	#6–250 kcmil	0.59

-  Rigid stranded cable
-  Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561163	SB250AL	1	0.13 / 0.29

Metric				
	No. Terminals	Conductor	Size mm²	Ø mm
	x1 	 	35–120	15.1
	x1 	 	35–120	15.1

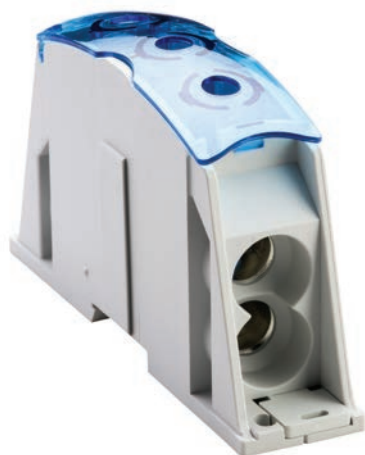
Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1 	 	#6–250 kcmil	0.59
	x1 	 	#6–250 kcmil	0.59

-  Rigid stranded cable
-  Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561159	SB 250	1	0.30/0.66

Power Blocks

SB2C250



SBF250



SB250SPCR

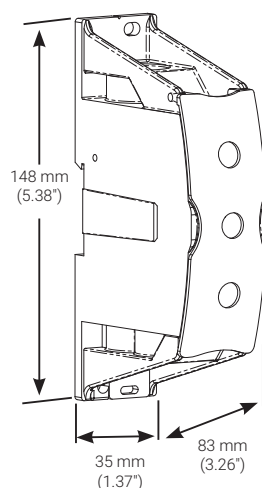


For use with Power Block SBF250 to achieve greater creepage and clearance distances required for UL® 1953

SB2C250
550 A – IEC
255 A –

Cable to two cables

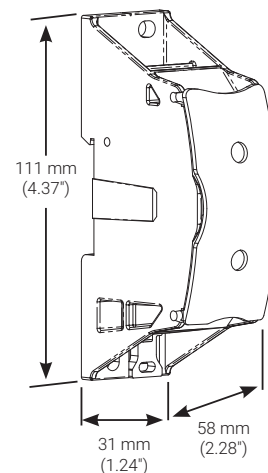
- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



SBF250
380 A – IEC (Flexibar Advanced)
330 A – IEC (IBSB Advanced)
255 A –

Flat conductor to cable

- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



Metric				
	No. Terminals	Conductor	Size mm²	Ø mm
	x1		35–120	15.1
	x2		2x35–120	15.1

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1		#6–250 kcmil	0.594
	x2		2x #6–250 kcmil	0.594

- Rigid stranded cable
- Flexible stranded cable

Art. Nr.	Description		kg/lbs
561170	SB2C250	1	0.499 / 1.1

Metric				
	No. Terminals	Conductor	Size mm²	Ø mm
	x1	Flexibar Advanced IBSB Advanced	2x20x1–5x20x1 50–70	N/A
	x1		35–120	15.1

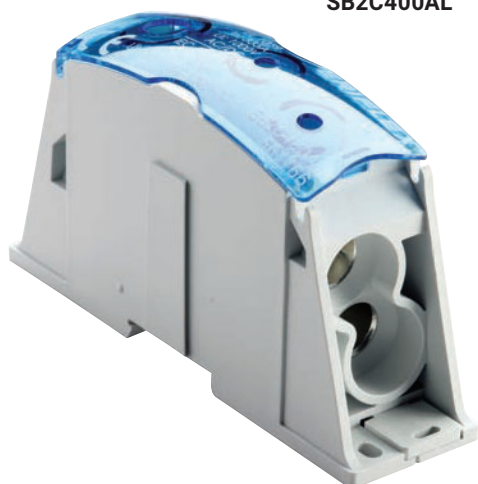
Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1	Flexibar Advanced IBSB Advanced	2x20x1–5x20x1 50–70	N/A
	x1		#6–250 kcmil	0.594

- Rigid stranded cable
- Flexible stranded cable

Art. Nr.	Description		kg/lbs
561171	SBF250	1	0.272 / 0.6
561178	SB250SPCR	5	

Power Blocks

SB2C400AL



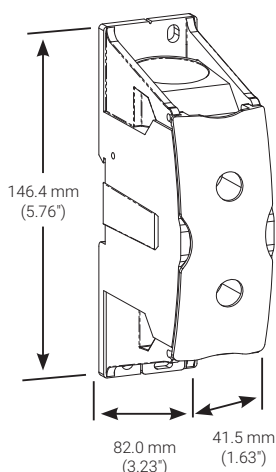
SB2C400



SB2C400AL
670 A – IEC
335 A –  US

Cable to two cables

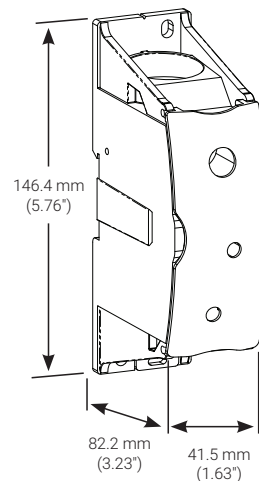
- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



SB2C400
600 A – IEC
335 A – 

Cable to Two Cables

- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1000 VAC/DC UL



Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x1 		95–240	21.0
	x2 		35–120	15.0

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1 		3/0–400 kcmil	0.83
	x2 		#2–250 kcmil	0.59

-  Rigid stranded cable
-  Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561166	SB2C400AL	1	0.3 / 0.66

Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x1 		95–240	21.0
	x2 		35–120	15.0

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1 		3/0–400 kcmil	0.83
	x2 		#2–250 kcmil	0.59

-  Rigid stranded cable
-  Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561154	SB2C400	1	0.73/1.61

Power Blocks

SBF400AL



SBF400



SBF400AL

510 A – IEC
(Flexibar Advanced)

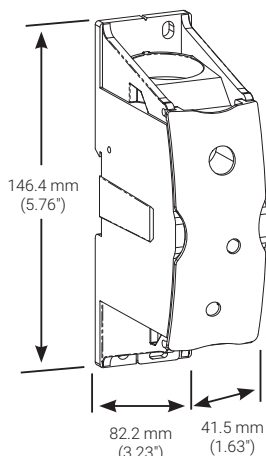
450 A – IEC
(IBSB Advanced)

335 A –  US
(Flexibar Advanced)

240 A –  US
(IBSB Advanced)

Flat conductor to cable

- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



SBF400

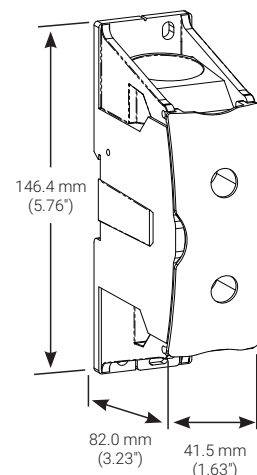
445 A – IEC
(Flexibar Advanced)

405 A – IEC
(IBSB Advanced)

335 A – 

Cable to Flexibar /
Insulated power braid

- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1000 VAC/DC UL



Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
 x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A	
 x1 		95–240	21.0	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
 x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A	
 x1 		3/0–400 kcmil	0.83	

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561165	SBF400AL	1	0.267 / 0.59

Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
 x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A	
 x1 		95–240	21.0	

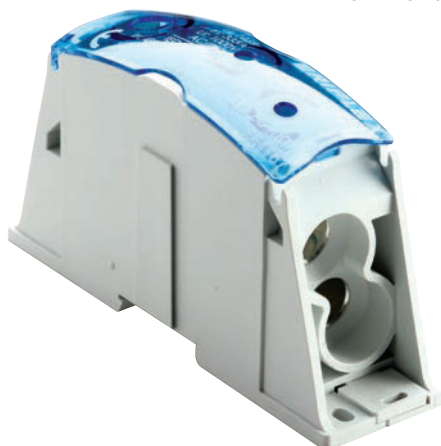
Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
 x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A	
 x1 		3/0–400 kcmil	0.83	

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561153	SBF400	1	0.56/1.23

Power Blocks

SBF2C400AL



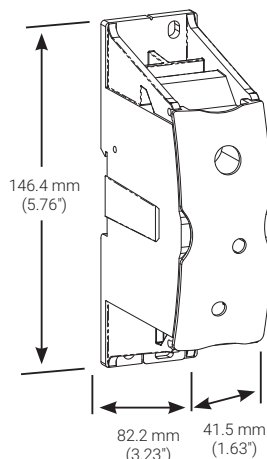
SBF2C400



SBF2C400AL
550 A – IEC
(Flexibar Advanced)
480 A – IEC
(IBSB Advanced)
335 A –  US

Flat conductor to two cables

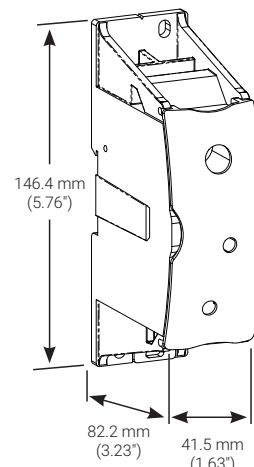
- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



SBF2C400
560 A – IEC
(Flexibar Advanced)
500 A – IEC
(IBSB Advanced)
335 A – 

Flat conductor to two cables

- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1000 VAC/DC UL



Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A
	x2 		35–120	15.0

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A
	x2 		#2–250 kcmil	0.59

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561167	SBF2C400AL	1	0.335 / 0.74

Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A
	x2 		35–120	15.0

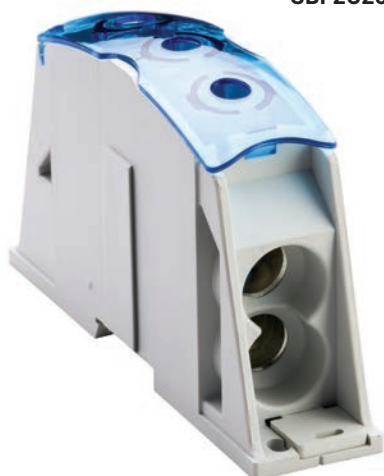
Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1 	Flexibar Advanced IBSB Advanced	2x20x1–5x24x1 100	N/A
	x2 		#2–250 kcmil	0.59

-  Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561155	SBF2C400	1	0.76/1.67

Power Blocks

SBF2C250



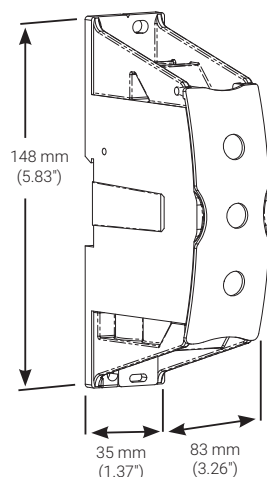
SB400AL



SBF2C250
500 A – IEC
 (Flexibar Advanced)
430 A – IEC
 (IBSB Advanced)
255 A – UL

**Flat conductor to
two cables**

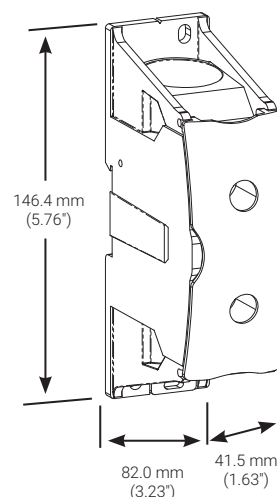
- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



SB400AL
610 A – IEC
335 A – UL

Cable to cable

- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1250 VAC/DC UL



Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
x1	Flexibar Advanced IBSB Advanced	50–70 IBS/IBSB ADV	N/A	
x2		2x35–120	15.1	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
x1	Flexibar Advanced IBSB Advanced	2x20x1–5x20x1 Flexibar ADV	N/A	
x2		2x #6–250 kcmil	0.594	

- Rigid stranded cable
- Flexible stranded cable

Art. Nr.	Description		kg/lbs
561172	SBF2C250	1	0.499 / 1.1

Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
x1		95–240	21.0	
x1		95–240	21.0	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
x1		3/0–400 kcmil	0.83	
x1		3/0–400 kcmil	0.83	

- Rigid stranded cable
- Flexible stranded cable

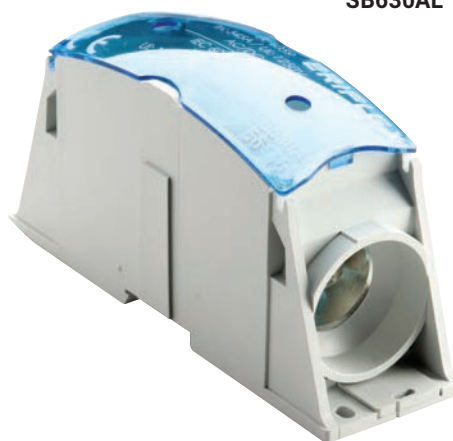
Art. Nr.	Description		kg/lbs
561164	SB400AL	1	0.249 / 0.55

Power Blocks

SB400



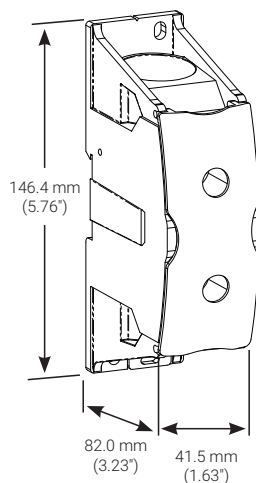
SB630AL



SB400
500 A – IEC
335 A – 

Cable to Cable

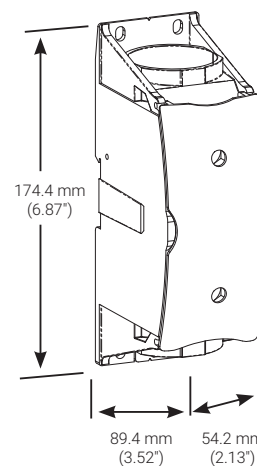
- Icw kA rms 1s: 28.8
- Ipk kA: 51
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1250 VAC/DC UL



SB630AL
860 A – IEC
545 A – 

Cable to cable

- Icw kA rms 1s: 60
- Ipk kA: 51
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1250 VAC/DC UL



Metric				
No. Terminals		Conductor	Size mm ²	Ø mm
 x1			95–240	21.0
 x1			95–240	21.0

Imperial				
No. Terminals		Conductor	Size AWG	Ø in
 x1			3/0–400 kcmil	0.83
 x1			3/0–400 kcmil	0.83

-  Rigid stranded cable
-  Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561152	SB400	1	0.51/1.13

Metric				
No. Terminals		Conductor	Size mm ²	Ø mm
 x1			240–500	31.0
 x1			240–500	31.0

Imperial				
No. Terminals		Conductor	Size AWG	Ø in
 x1			400–1000 kcmil	1.22
 x1			400–1000 kcmil	1.22

-  Rigid stranded cable
-  Flexible stranded cable

Art. Nr.	Description		 kg/lbs
561168	SB630AL	1	0.585 / 1.29

Power Blocks

SB630



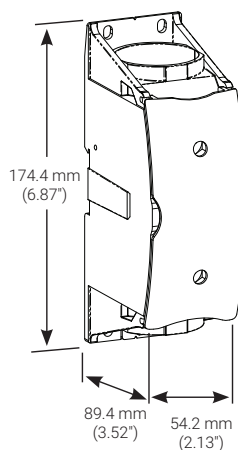
SBF630AL



SB630
870 A – IEC
545 A –

Cable to Cable

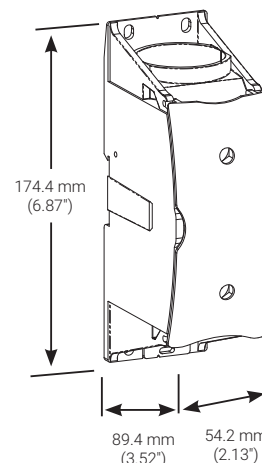
- Icw kA rms 1s : 60.0
- Ipk kA : 51
- Ui : 1000 V AC IEC
- Ui : 1500 V DC IEC
- Vin : 1250 VAC/DC UL



SBF630AL
760 A – IEC
(Flexibar Advanced)
750 A – IEC
(IBSB Advanced)
490 A – (Flexibar Advanced)
410 A – (IBSB Advanced)

Flat conductor to cable

- Icw kA rms 1s: 60
- Ipk kA: 51
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



Metric				
No. Terminals		Conductor	Size mm ²	Ø mm
x1			240–500	31.0
x1			240–500	31.0

Imperial				
No. Terminals		Conductor	Size AWG	Ø in
x1			400–1000 kcmil	1.22
x1			400–1000 kcmil	1.22



Rigid stranded cable



Flexible stranded cable

Art. Nr.	Description		kg/lbs
561156	SB 630	1	1.20/2.64

Metric				
No. Terminals		Conductor	Size mm ²	Ø mm
x1		Flexibar Advanced IBSB Advanced	2x20x1–8x32x1 100–240	N/A
x1			240–500	31.0

Imperial				
No. Terminals		Conductor	Size AWG	Ø in
x1		Flexibar Advanced IBSB Advanced	2x20x1–8x32x1 100–240	N/A
x1			400–1000 kcmil	1.22



Rigid stranded cable



Flexible stranded cable

Art. Nr.	Description		kg/lbs
561169	SBF630AL	1	0.64 / 1.41

Power Blocks

SBF630



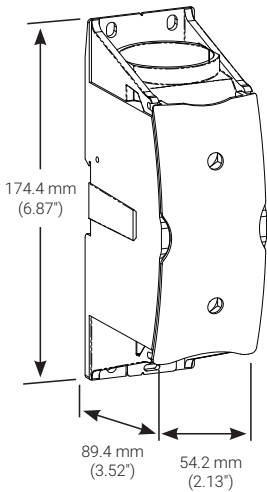
SBF2C630AL



SBF630
805 A – IEC
(Flexibar Advanced)
800 A – IEC
(IBSB Advanced)
545 A –

Flat conductor to cable

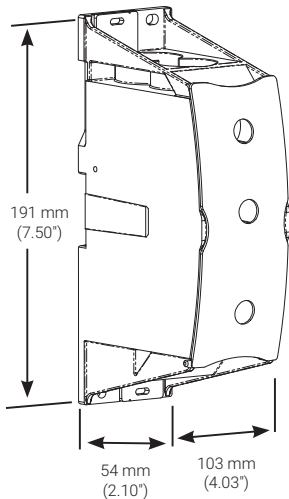
- Icw kA rms 1s: 60.0
- Ipk kA: 51
- Ui: 1000 V AC IEC
- Ui: 1500 V DC IEC
- Vin: 1000 VAC/DC UL



SBF2C630AL
930 A – IEC
(Flexibar Advanced)
910 A – IEC
(IBSB Advanced)
760 A –

Flat conductor to
two cables

- Icw kA rms 1s: 60.0
- Ipk kA: 52
- Ui: 1000 V AC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
x1	Flexibar IBS/IBSB	2x20x1–8x32x1 100, 240	N/A	
x1		240–500	31.0	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
x1	Flexibar IBS/IBSB	2x20x1–8x32x1 100–240	N/A	
x1		400–1000 kcmil	1.22	

- Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		kg/lbs
561157	SBF 630	1	1.39/3.07

Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
x1	Flexibar Advanced IBSB Advanced	240 IBS/IBSB ADV	N/A	
x2		2x35–240	22	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
x1	Flexibar Advanced IBSB Advanced	2x20x1–8x32x1 Flexibar ADV	N/A	
x2		2x #2–500 kcmil	0.87	

- Rigid stranded cable
 Flexible stranded cable

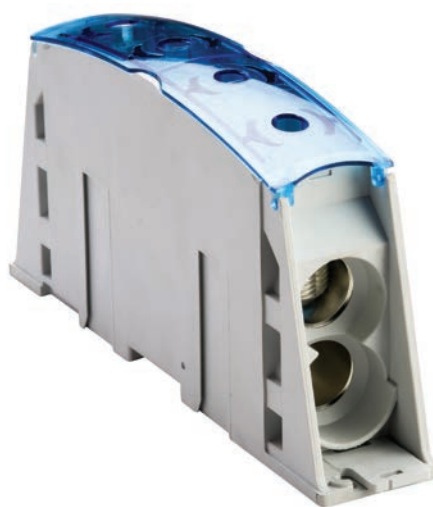
Art. Nr.	Description		kg/lbs
561173	SBF2C630AL	1	0.68 / 1.5

Power Blocks

SB2C1000AL



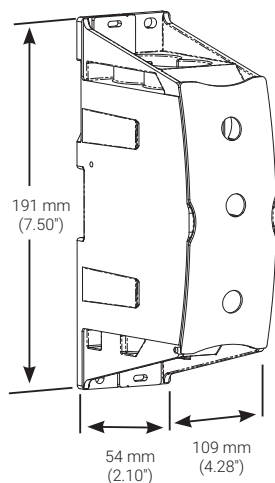
SB2C2C1000AL



SB2C1000AL
1020 A – IEC
545 A –

Cable to two cables

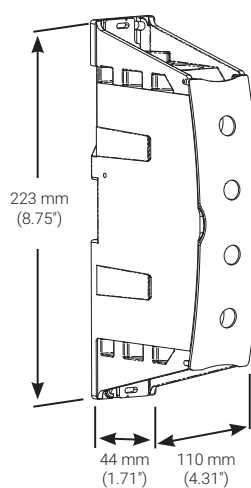
- l_{cw} kA rms 1s: 72.0
- l_{pk} kA: 75
- U_i: 1000 VAC IEC
- U_i: 1000 VDC IEC
- V_{in}: 1000 VAC/DC UL



SB2C2C1000AL
1150 A – IEC
840 A –

Two cables to two cables

- l_{cw} kA rms 1s: 72.0
- l_{pk} kA: 75
- U_i: 1000 VAC IEC
- U_i: 1500 VDC IEC
- V_{in}: 1000 VAC/DC UL



Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x1		240–500	31
	x2		2x35–300	23.6

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x1		400–1000 kcmil	1.22
	x2		2x #2–600 kcmil	0.93

Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		kg/lbs
561174	SB2C1000AL	1	0.748 / 1.65

Metric				
	No. Terminals	Conductor	Size mm ²	Ø mm
	x2		2x35–300	23.5
	x2		2x35–300	23.5

Imperial				
	No. Terminals	Conductor	Size AWG	Ø in
	x2		2x #2–600 kcmil	0.92
	x2		2x #2–600 kcmil	0.92

Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		kg/lbs
561175	SB2C2C1000AL	1	0.718 / 1.58

Power Blocks

SBF3C1000AL



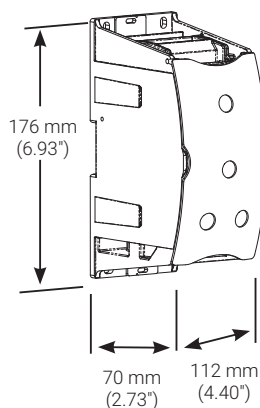
SBF4C1600AL



SBF3C1000AL
1420 A – IEC
1260 A –

**Flat conductor to
three cables**

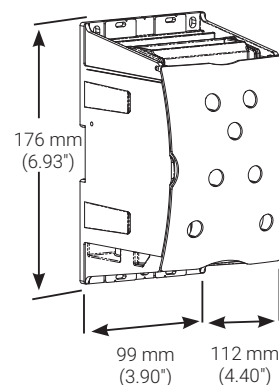
- Icw kA rms 1s: 72.0
- Ipk kA: 75
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



SBF4C1600AL
1940 A – IEC
1680 A –

**Flat conductor to
four cables**

- Icw kA rms 1s: 96.0
- Ipk kA: 105
- Ui: 1000 VAC IEC
- Ui: 1500 VDC IEC
- Vin: 1000 VAC/DC UL



Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
x1	Flexibar Advanced	2x20x1–10x50x1	N/A	
x3	3x35–300	3x35–300	23.5	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
x1	Flexibar Advanced	2x20x1–10x50x1	N/A	
x3	3x #2–600 kcmil	3x #2–600 kcmil	0.92	

- Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		kg/lbs
561176	SBF3C1000AL	1	0.952 / 2.1

Metric				
No. Terminals	Conductor	Size mm ²	Ø mm	
x1	Flexibar Advanced	6x50x1–10x80x1	N/A	
x4	4x35–300	4x35–300	23.5	

Imperial				
No. Terminals	Conductor	Size AWG	Ø in	
x1	Flexibar Advanced	6x50x1–10x80x1	N/A	
x4	4x #2–600 kcmil	4x #2–600 kcmil	0.92	

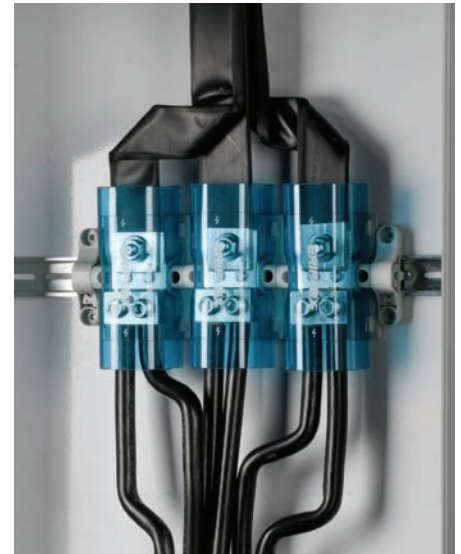
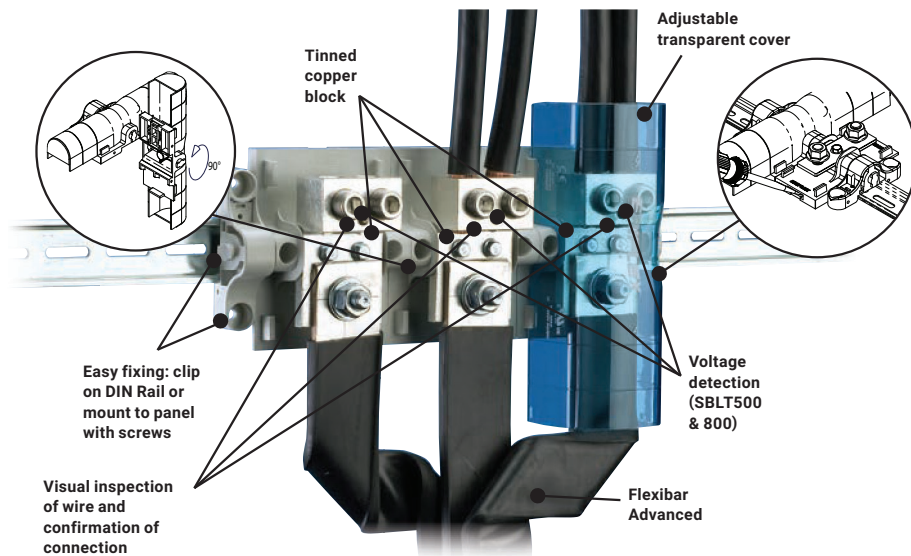
- Rigid stranded cable
 Flexible stranded cable

Art. Nr.	Description		kg/lbs
561177	SBF4C1600AL	1	1.292 / 2.85

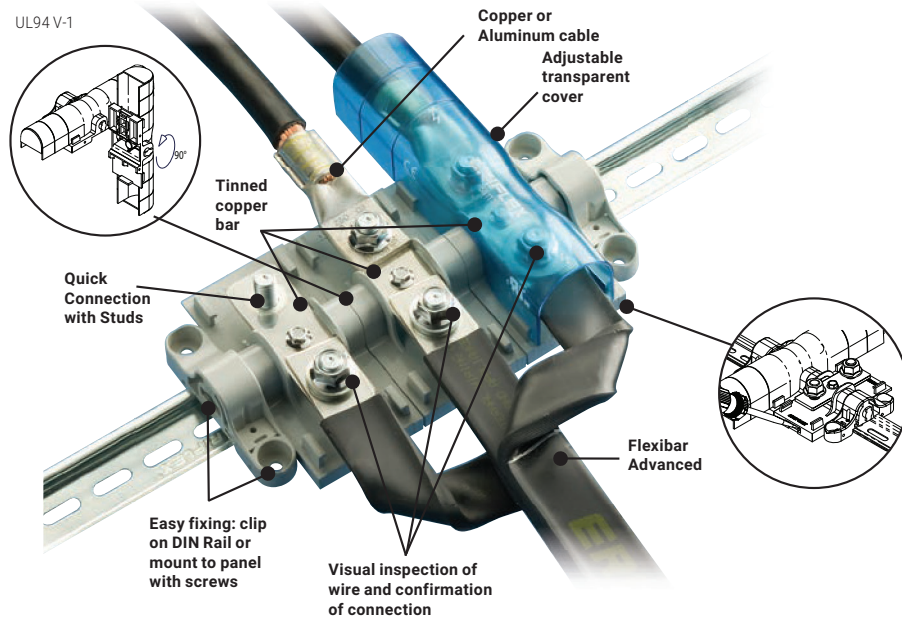
Power Terminals – SBLL, SBTT, SBLT

MAIN FEATURES

POWER TERMINALS – SBLT

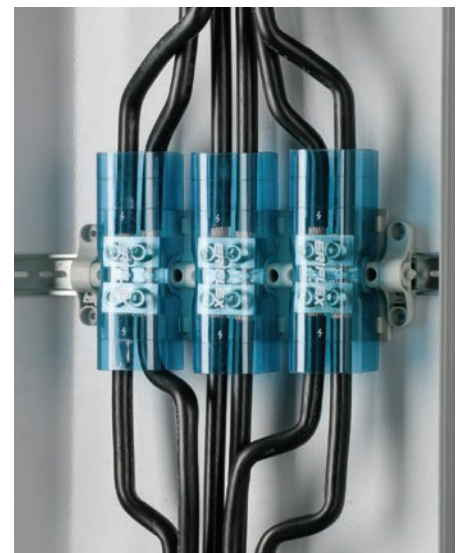
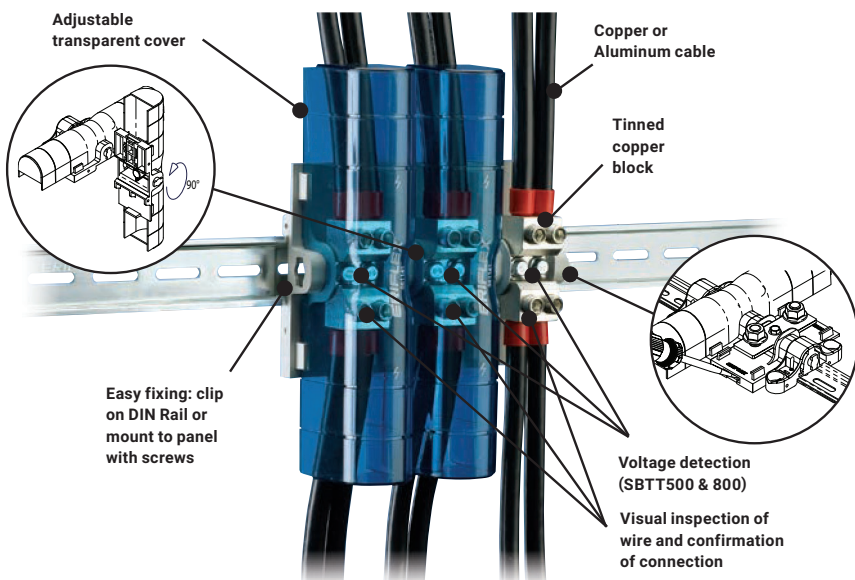


POWER TERMINALS – SBLL



- Tested and Certified according to IEC 60947-7-1
Ui=1000VAC / 1500VDC
- UL® Recognized for US & Canada
- UL 1059
- CSA Certified
- Short Circuit Current Rated up to 100 kA
- Halogen Free
- UL94 V-1
- RoHS Compliant
- CE Conformity
- EAC Conformity

POWER TERMINALS – SBTT

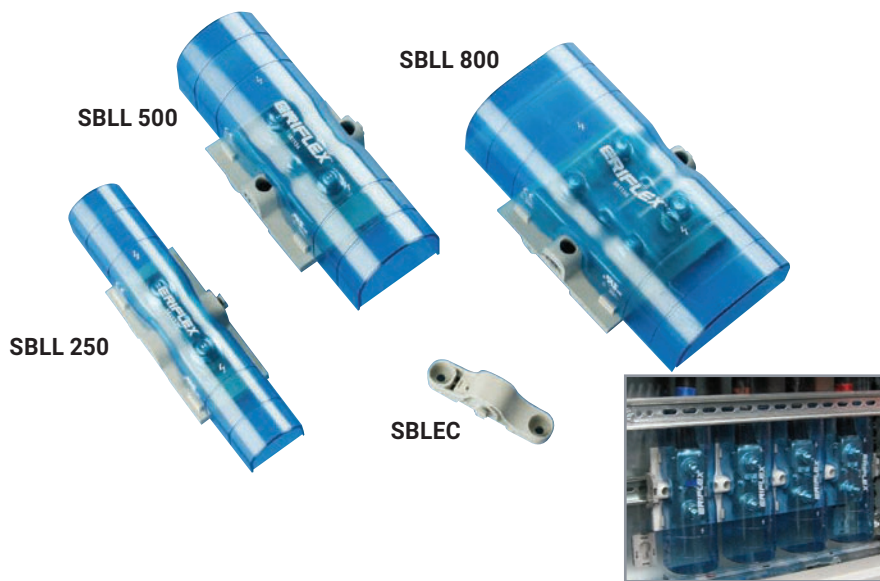


Power Terminals – Quick Selection Guide

POWER TERMINALS (SBLL, SBTT, SBLT) – QUICK SELECTION GUIDE

Part number	Article number	Max IEC Current	Max UL Current	Line side: Nbre of connection	Line side Min and Max conductor size	Load side: Nbre of connection	Load side Min and Max conductor size	Max working voltage IEC	Max working voltage UL
SBLL-250	561132	290 A	255 A	 Flat Conductor	Flexibar 2x20x1–5x24x1 Lug + Cable 10–120 mm ² #8–250 kcmil	 Flat Conductor	Flexibar 2x20x1–5x24x1 Lug + Cable 10–120 mm ² #8–250 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBLL-500	561134	750 A	475 A	 Flat Conductor	Flexibar 2x20x1–10x50x1 Lug + Cable 16–400 mm ² #6–700 kcmil	 Flat Conductor	Flexibar 2x20x1–10x50x1 Lug + Cable 16–400 mm ² #6–700 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBLL-800	561136	1250 A	800 A	 Flat Conductor	Flexibar 2x20x1–8x80x1 (2) Lug + Cable 25–300 mm ² (2) #4–500 kcmil	 Flat Conductor	Flexibar 2x20x1–8x80x1 (2) Lug + Cable 25–300 mm ² (2) #4–500 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBLT-250	561140	350 A	300 A	 Flat Conductor	Flexibar 2x20x1–5x24x1 Lug + Cable 10–120 mm ² #6–250 kcmil	 2 Cables	(2) 10–50 mm ² (2) #8–1/0	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBTT-250	561141	350 A	300 A	 2 Cables	(2) 10–50 mm ² (2) #8–1/0	 2 Cables	(2) 10–50 mm ² (2) #8–1/0	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBLT-350	561142	500 A	310 A	 Flat Conductor	Flexibar 2x20x1–8x24x1 Lug + Cable 10–185 mm ² #2–350 kcmil	 1 Cable	35–185 mm ² #2–350 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBTT-350	561143	500 A	310 A	 1 Cable	35–185 mm ² #2–350 kcmil	 1 Cable	35–185 mm ² #2–350 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBLT-500	561144	750 A	500 A	 Flat Conductor	Flexibar 2x20x1–10x50x1 Lug + Cable 95–400 mm ² #6–700 kcmil	 2 Cables	(2) 16–120 mm ² (2) #6–250 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBTT-500	561145	750 A	500 A	 2 Cables	(2) 16–120 mm ² (2) #6–250 kcmil	 2 Cables	(2) 16–120 mm ² (2) #6–250 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBLT-800	561146	1250 A	760 A	 Flat Conductor	Flexibar 2x20x1–8x80x1 (2) Lug + Cable 35–300 mm ² (2) #1–500 kcmil	 2 Cables	(2) 95–240 mm ² (2) 3/0–500 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SBTT-800	561147	1250 A	760 A	 2 Cables	(2) 95–240 mm ² (2) 3/0–500 kcmil	 2 Cables	(2) 95–240 mm ² (2) 3/0–500 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC

Power Terminals – SBLL

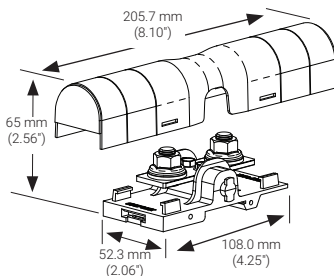
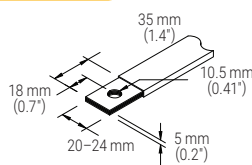
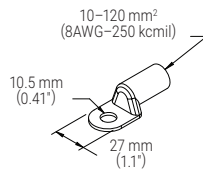


- Tinned Copper Bar
- Visual inspection of wire and confirmation of connection
- Quick connection with studs
- Easy connection on Flexibar Advanced
- Adjustable transparent cover
- Halogen Free
- Self extinguishing: UL94 V-1
- Easy fixing: clip on din rail with end cap or mount to panel with screws
- Short Circuit Rated up to 100 kA – See UL file E198301
- RoHS Compliant
- IEC 60947-7-1
- UL-1059

SBLL 250 290 A – IEC 255 A – cULus

- Modular: individual modules are stackable for multipole applications.
- SBLEC required for direct panel mount.

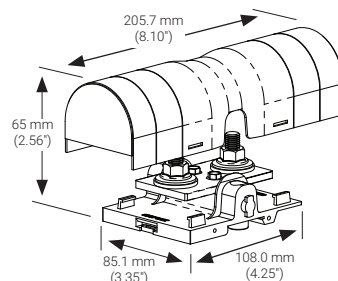
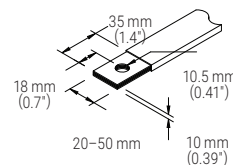
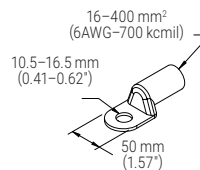
- Icw kA rms 1s: 14.4
- Ipk kA: 42
- Ui: 1000 VAC/
1500 VDC IEC
- Vin: 1000 VAC/DC UL



SBLL 500 750 A – IEC 475 A – cULus

- Modular: individual modules are stackable for multipole applications.

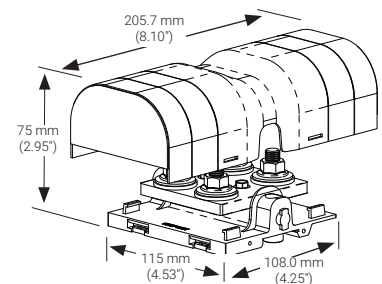
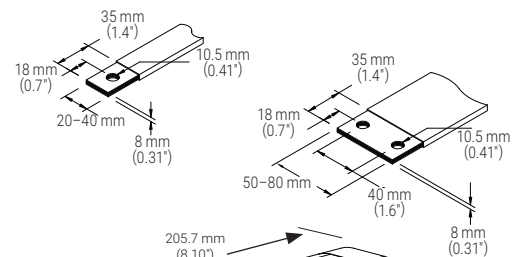
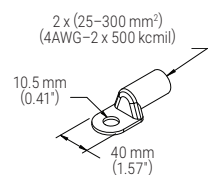
- Icw kA rms 1s: 36
- Ipk kA: 51
- Ui: 1000 VAC/
1500 VDC IEC
- Vin: 1000 VAC/DC UL



SBLL 800 1250 A – IEC 800 A – cULus

- Modular: individual modules are stackable for multipole applications.

- Icw kA rms 1s: 57.6
- Ipk kA: 75
- Ui: 1000 VAC/
1500 VDC IEC
- Vin: 1000 VAC/DC UL

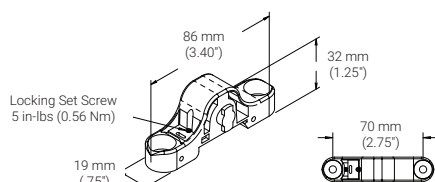


Art. Nr.	Description		kg/lbs
561132	SBLL 250	1	0.16/0.35

Art. Nr.	Description		kg/lbs
561134	SBLL 500	1	0.34/0.75

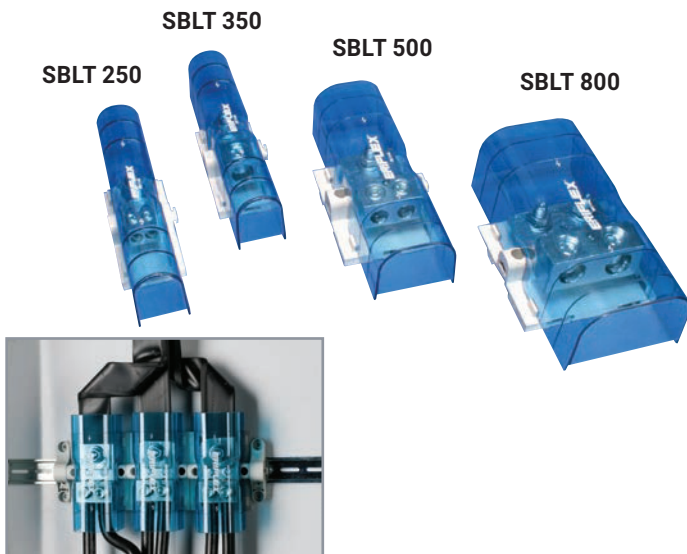
Art. Nr.	Description		kg/lbs
561136	SBLL 800	1	0.7/1.54

SBLEC



Art. Nr.	Description		kg/lbs
561138	SBLEC	1	0.01/0.02

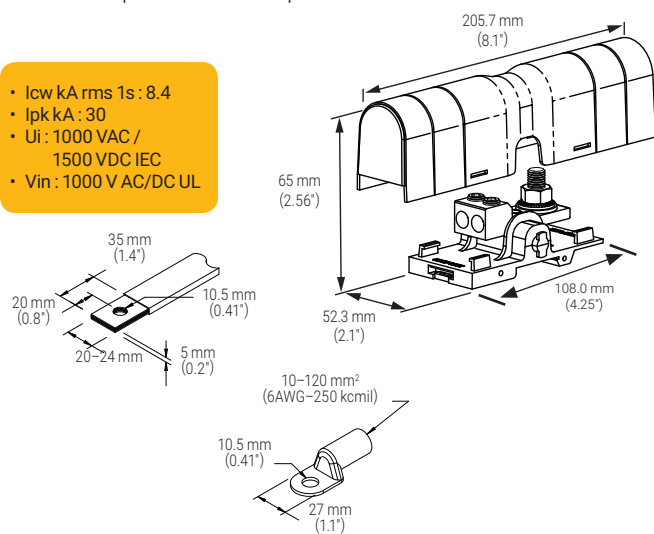
Power Terminals – SBLT



SBLT 250 350 A – IEC 300 A –

- Modular: individual modules are stackable for multiple applications.
- SBLEC required for direct panel mount.

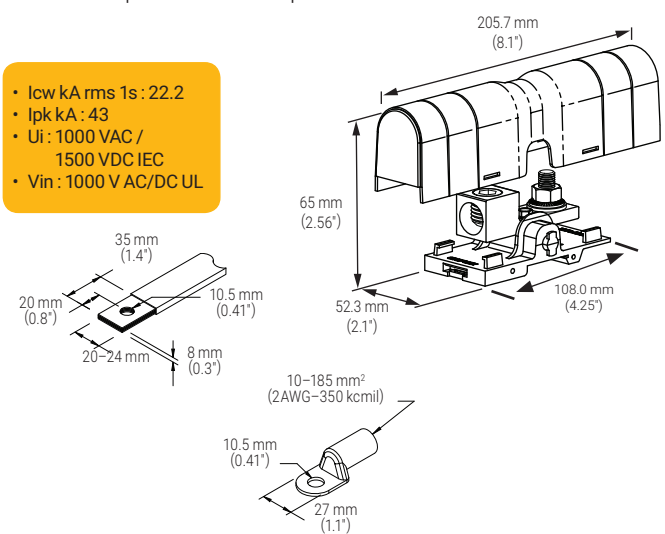
- Icw kA rms 1s : 8.4
- Ipk kA : 30
- Ui : 1000 VAC / 1500 VDC IEC
- Vin : 1000 V AC/DC UL



SBLT 350 500 A – IEC 310 A –

- Modular: individual modules are stackable for multiple applications.
- SBLEC required for direct panel mount.

- Icw kA rms 1s : 22.2
- Ipk kA : 43
- Ui : 1000 VAC / 1500 VDC IEC
- Vin : 1000 V AC/DC UL



Metric	mm²	mm²	Ø mm
	Flexibar Advanced or cable with lug		
	10–50	10–35	x2 10

Imperial	AWG	Ø in
	Flexibar Advanced or cable with lug	
	8–1/0	x2 0.394

Art. Nr.	Description		kg/lbs
561140	SBLT 250	1	0.27 / 0.60

- Rigid stranded cable
- Flexible stranded cable

- Tinned Copper Block
- Visual inspection of wire and confirmation of connection
- Quick connection with studs or tunnel
- Easy connection on Flexibar Advanced or Cable
- Adjustable transparent cover
- Halogen Free
- Self extinguishing: UL94 V-1
- Easy fixing: clip on din rail with end cap or mount to panel with screws
- Short Circuit Rated up to 100 kA – See UL® file E198301
- RoHS Compliant

Metric	mm²	mm²	Ø mm
	Flexibar Advanced or cable with lug		
	35–185	35–150	x1 20

Imperial	AWG	Ø in
	Flexibar Advanced or cable with lug	
	2–350	x1 0.787

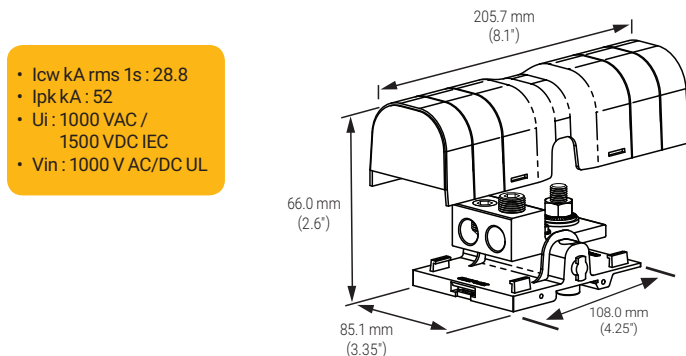
Art. Nr.	Description		kg/lbs
561142	SBLT 350	1	0.35 / 0.77

Power Blocks & Terminals

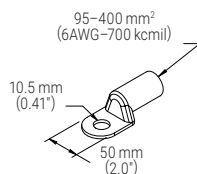
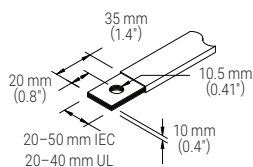
SBLT 500

750 A – IEC
500 A – 

- Modular: individual modules are stackable for multipole applications.



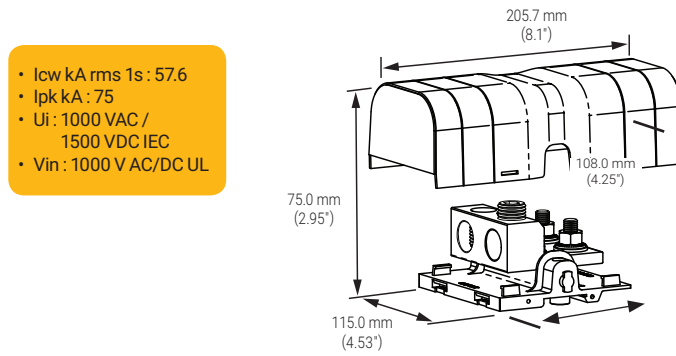
- Icw kA rms 1s : 28.8
- Ipk kA : 52
- Ui : 1000 VAC / 1500 VDC IEC
- Vin : 1000 V AC/DC UL



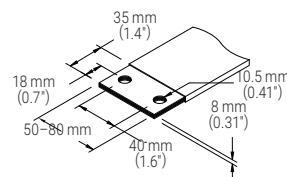
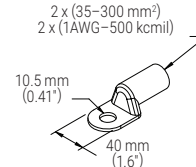
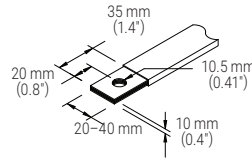
SBLT 800

1250 A – IEC
760 A – 

- Modular: individual modules are stackable for multipole applications.



- Icw kA rms 1s : 57.6
- Ipk kA : 75
- Ui : 1000 VAC / 1500 VDC IEC
- Vin : 1000 V AC/DC UL



Metric	 mm²	 mm²	Ø mm
	Flexibar or cable with lug		
	16-120	16-120	x2 15

Imperial	AWG	Ø in
	Flexibar or cable with lug	
	6-250	x2 0.59

Art. Nr.	Description		 kg/lbs
561144	SBLT 500	1	0.61 / 1.34

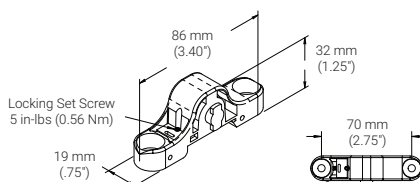
-  Rigid stranded cable
-  Flexible stranded cable

Metric	 mm²	 mm²	Ø mm
	Flexibar or cable with lug		
	95-240	50-185	x2 22

Imperial	AWG	Ø in
	Flexibar or cable with lug	
	3/0-500	x2 0.866

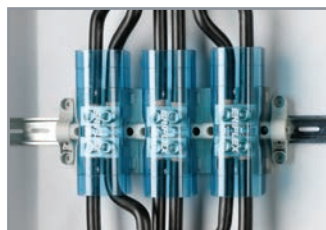
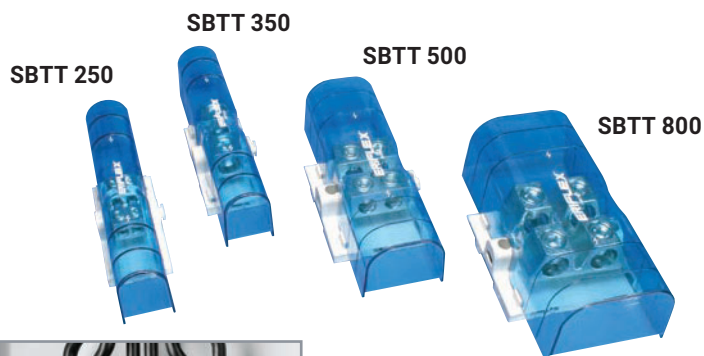
Art. Nr.	Description		 kg/lbs
561146	SBLT 800	1	1.09 / 2.40

SBLEC



Art. Nr.	Description		 kg/lbs
561138	SBLEC	1	0.01/0.02

Power Terminals – SBTT

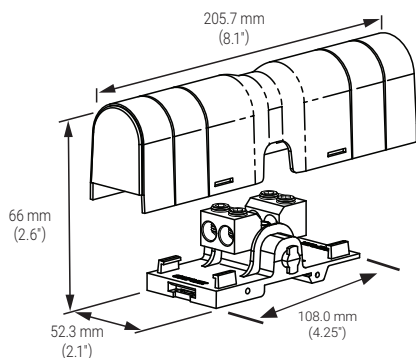


- Tinned Copper Block
- Visual inspection of wire and confirmation of connection
- Quick connection with studs or tunnel
- Easy connection on Flexibar or Cable
- Adjustable transparent cover
- Halogen Free
- Self extinguishing: UL94 V-1
- Easy fixing: clip on din rail with end cap or mount to panel with screws
- Short Circuit Rated up to 100 kA
- See UL® file E198301
- RoHS Compliant

SBTT 250 350 A – IEC 300 A – cULus

- Modular: individual modules are stackable for multipole applications.
- SBLEC required for direct panel mount.

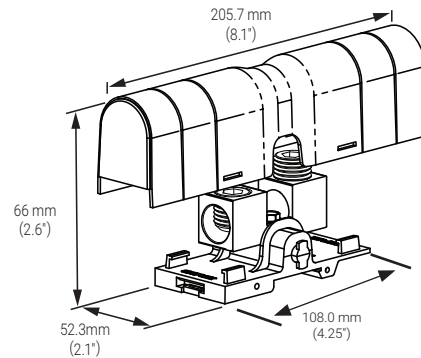
- Icw kA rms 1s: 8.4
- Ipk kA: 30
- Ui: 1000 VAC / 1500 VDC IEC
- Vin: 1000 V AC/DC UL



SBTT 350 500 A – IEC 310 A – cULus

- Modular: individual modules are stackable for multipole applications.
- SBLEC required for direct panel mount.

- Icw kA rms 1s: 22.2
- Ipk kA: 43
- Ui: 1000 VAC / 1500 VDC IEC
- Vin: 1000 V AC/DC UL



Metric	mm ²	mm ²		Ø mm
	10–50	10–35	x4	10

Imperial	AWG		Ø in
	8–1/0	x4	0.394

Art. Nr.	Description		kg/lbs
561141	SBLT 250	1	0.26 / 0.57

- Rigid stranded cable
 Flexible stranded cable

Metric	mm ²	mm ²		Ø mm
	35–185	35–150	x2	20

Imperial	AWG		Ø in
	2–350	x2	0.787

Art. Nr.	Description		kg/lbs
561143	SBTT 350	1	0.33 / 0.73

Power Blocks & Terminals

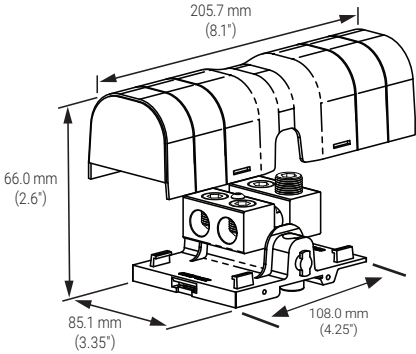
SBTT 500

750 A – IEC

500 A –

- Modular: individual modules are stackable for multipole applications.

- Icw kA rms 1s : 28.8
 - Ipk kA : 52
 - Ui : 1000 VAC / 1500 VDC IEC
 - Vin : 1000 V AC/DC UL



Metric	 mm²	 mm²	Ø mm
	16–120	16–120	x4 15
Imperial	AWG		Ø in
	6–250	x4	0.59
Art. Nr.	Description		 kg/lbs
561145	SBTT 500	1	0.60 / 1.32

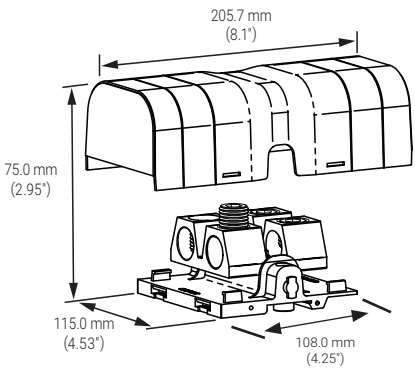
SBTT 800

1250 A – IEC

760 A –

- Modular: individual modules are stackable for multipole applications.

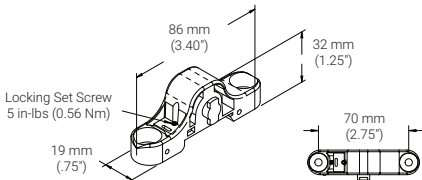
- Icw kA rms 1s : 57.6
 - Ipk kA : 75
 - Ui : 1000 VAC / 1500 VDC IEC
 - Vin : 1000 V AC/DC UL



Metric	 mm²	 mm²	Ø mm
	95–240	50–185	x4 22
Imperial	AWG		Ø in
	3/0–500	x4	0.866
Art. Nr.	Description		 kg/lbs
561147	SBTT 800	1	1.04 / 2.29

-  Rigid stranded cable
-  Flexible stranded cable

SBLEC



Art. Nr.	Description		 kg/lbs
561138	SBLEC	1	0.01/0.02