

Power Blocks/Splice Blocks

COMPLETE POWER BLOCKS RANGE FROM 105A TO 1940A PER IEC AND 85A TO 1680A PER UL

- UL® Short Circuit Current Rating SCCR: 100 kA
- High IEC Short Circuit Current rating (I_{pk}) from 22kA to 125kA
- Certification: Recognized as per 1059 or Listed as per 1953 upon models
- Flammability Rating: UL® 94V-0
- Complies with IEC® 60947-1
- Tinned Blocks for Copper or Aluminum conductors (flat or round)
- Easily clips onto DIN rail or mounts to panel with screws
- IP 20
- Stackable for building multi-pole power blocks
- High Fil ratio: Allows for conductor connection with or without ferrule
- Economic Solution in Compact Footprint



SB80 / SB80AL Cable-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561150	25 kA	110 A	85 A	1000 V AC	1000 V AC/DC
561160	22 kA	105 A	85 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	6-16 mm ²	#16-#10		
☐	x1	6-16 mm ²	#16-#10		

SB125 / SB125AL Cable-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561158	25 kA	170 A	150 A	1000 V AC	1250 V AC/DC
561161	22 kA	185 A	150 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	10-35 mm ²	#8-1/0		
☐	x1	10-35 mm ²	#8-1/0		

SB160 / SB160AL Cable-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561151	42 kA	250 A	200 A	1000 V AC	1000 V AC/DC
561162	42 kA	230 A	200 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	35-70 mm ²	#2-3/0		
☐	x1	35-70 mm ²	#2-3/0		

SB250 / SB250AL Cable-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561159	42 kA	400 A	255 A	1000 V AC	1250 V AC/DC
561163	42 kA	400 A	255 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	35-120 mm ²	#6-250 kcmil		
☐	x1	35-120 mm ²	#6-250 kcmil		

NEW SB2C250 Cable-2Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561170	42 kA	550 A	255 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	35-120 mm ²	#6-250 kcmil		
☐	x2	2X 35-120 mm ²	2X #6-250 kcmil		

NEW SBF250 Flat Conductor-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561171	42 kA	380 A	330 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	50-70 mm ² IBS/IBSB ADV or	2X20X1 - 5X20X1 Flexibar ADV		
☐	x1	35-120 mm ²	#6-250 kcmil		

The new SBF 250 blocks are listed as per UL1953 when used with SB250 SPCR Spacers

NEW SBF2C250 Flat Conductor-2Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561172	42 kA	500 A	430 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	50-70 mm ² IBS/IBSB ADV or	2X20X1 - 5X20X1 Flexibar ADV		
☐	x2	2X 35-120 mm ²	2X #6-250 kcmil		

SB400 / SB400AL Cable-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561152	51 kA	500 A	335 A	1000 V AC	1250 V AC/DC
561164	51 kA	610 A	335 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	95-240 mm ²	3/0-400 kcmil		
☐	x1	95-240 mm ²	3/0-400 kcmil		

SB2C400 / SB2C400AL Cable-2Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561154	51 kA	600 A	335 A	1000 V AC	1000 V AC/DC
561166	51 kA	670 A	335 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	95-240 mm ²	3/0-400 kcmil		
☐	x2	2X 35-120 mm ²	2X #6-250 kcmil		

SBF400 / SBF400AL Flat Conductor-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561153	51 kA	445 A (FLEX) 405 A (IBSB)	335 A	1000 V AC	1000 V AC/DC
561165	51 kA	510 A (FLEX) 450 A (IBSB)	335 A (FLEX) 240 A (IBSB)	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	100 mm ² IBS/IBSB ADV or	2x20x1 - 5x24x1 Flexibar ADV		
☐	x1	95-240 mm ²	3/0-400 kcmil		

SBF2C400 / SBF2C400AL Flat Conductor-2Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561155	51 kA	560 A (FLEX) 500 A (IBSB)	335 A	1000 V AC	1000 V AC/DC
561167	51 kA	550 A (FLEX) 480 A (IBSB)	335 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	100 mm ² IBS/IBSB ADV or	2x20x1-5x24x1 Flexibar ADV		
☐	x2	2X 35-120 mm ²	2X #2-250 kcmil		

SB630 / SB630AL Cable-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561156	51 kA	870 A	545 A	1000 V AC	1250 V AC/DC
561168	51 kA	860 A	545 A	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	240-500 mm ²	400-1000 kcmil		
☐	x1	240-500 mm ²	400-1000 kcmil		

SBF630 / SBF630AL Flat Conductor-Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561157	51 kA	805 A (FLEX) 800 A (IBSB)	545 A	1000 V AC	1000 V AC/DC
561169	51 kA	760 A (FLEX) 750 A (IBSB)	490 A (FLEX) 410 A (IBSB)	1500 V DC	1500 V DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	100-240 mm ² IBS/IBSB ADV or	2x20x1 - 8x32x1 Flexibar ADV		
☐	x1	240-500 mm ²	400-1000 kcmil		

NEW SBF2C630AL Flat Conductor-2Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561173	52.5 kA	930 A	760 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	240 mm ² IBS/IBSB ADV or	2X20X1-8X32X1 Flexibar ADV		
☐	x2	2X 35-240 mm ²	2X #2-500 kcmil		

NEW SB2C1000AL Cable-2Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561174	75 kA	1020 A	545 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	240-500 mm ²	400-1000 kcmil		
☐	x2	2X 35-300 mm ²	2X #2-600 kcmil		

NEW SB2C2C1000AL 2Cable-2Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561175	75 kA	1150 A	840 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x2	2X 35-300 mm ²	2X #2-600 kcmil		
☐	x2	2X 35-300 mm ²	2X #2-600 kcmil		

NEW SBF3C1000AL Flat Conductor-3Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561176	75 kA	1420 A	1260 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	-	2X20X1 - 10X50X1 Flexibar ADV		
☐	x3	3X 35-300 mm ²	3X #2-600 kcmil		

NEW SBF4C1600AL Flat Conductor-4Cable

Article No.	IEC Short Circuit Current (I _{pk})	Max Rating (IEC)	Max Rating (UL)	Max Voltage IEC (Ui)	Max Voltage UL (Vin)
561177	105 kA	1940 A	1680 A	1000 V AC	1000 V AC/DC
No. of connections		Metric Conductor	Imperial Conductor		
☐	x1	-	6X50X1 - 10X80X1 Flexibar ADV		
☐	x4	4X 35-300 mm ²	4X #2-600 kcmil		

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