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 mm² #16–#4	1 Cable	6–16 mm² #16–#4	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB80	561150	110 A	85 A	1 Cable	6–16 mm² #16–#4	1 Cable	6–16 mm² #16–#4	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB125	561158	170 A	150 A	1 Cable	10–35 mm² #8–1/0	1 Cable	10–35 mm² #8–1/0	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB125AL	561161	185 A	150 A	1 Cable	10–35 mm² #8–1/0	1 Cable	10–35 mm² #8–1/0	1,000 VAC 1,500 VDC	1,250 VAC/DC
SB160AL	561162	230 A	200 A	1 Cable	35–70 mm² #2–3/0	1 Cable	35–70 mm² #2–3/0	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB160	561151	250 A	200 A	1 Cable	35–70 mm² #2–3/0	1 Cable	35–70 mm² #2–3/0	1,000 VAC 1,500 VDC	1,000 VAC/DC
SB250AL	561163	400 A	255 A	1 Cable	35–120 mm² #6–250 kcmil	1 Cable	35–120 mm² #6–250 kcmil	1,000 VAC, 1,500 VDC	1,250 VAC/DC
SB250	561159	400 A	255 A	1 Cable	35–120 mm² #6–250 kcmil	1 Cable	35–120 mm² #6–250 kcmil	1,000 VAC, 1,500 VDC	1,250 VAC/DC
SB2C250	561170	550 A	255 A	1 Cable	35–120 mm² #6–250 kcmil	2 Cables	(2) 35–120 mm² (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 mm²	1 Cable	35–120 mm² #6–250 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SB2C400AL	561166	670 A	335 A	1 Cable	95–240 mm² 3/0–400 kcmil	2 Cables	(2) 35–120 mm² (2) #2–250 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SB2C400	561154	600 A	335 A	1 Cable	95–240 mm² 3/0–400 kcmil	2 Cables	(2) 35–120 mm² (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 mm²	1 Cable	95–240 mm² 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 mm²	1 Cable	95–240 mm² 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 mm²	2 Cables	(2) 35–120 mm² (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 mm²	2 Cables	(2) 35–120 mm² (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 mm²	2 Cables	(2) 35–120 mm² (2) #6–250 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC
SB400AL	561164	610 A	335 A	1 Cable	95–240 mm² 3/0–400 kcmil	1 Cable	95–240 mm² 3/0–400 kcmil	1,000 VAC, 1,500 VDC	1,250 VAC/DC
SB400	561152	500 A	335 A	1 Cable	95–240 mm² 3/0–400 kcmil	1 Cable	95–240 mm² 3/0–400 kcmil	1,000 VAC, 1,500 VDC	1,250 VAC/DC
SB630AL	561168	860 A	545 A	1 Cable	240–500 mm² 400–1,000 kcmil	1 Cable	240–500 mm² 400–1,000 kcmil	1,000 VAC, 1,500 VDC	1,250 VAC/DC
SB630	561156	870 A	545 A	1 Cable	240–500 mm² 400–1,000 kcmil	1 Cable	240–500 mm² 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 mm²	1 Cable	240–500 mm² 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 mm²	1 Cable	240–500 mm² 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 mm²	2 Cables	(2) 35–240 mm² (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 mm² 400–1,000 kcmil	2 Cables	(2) 35–300 mm² (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 mm² (2) #2–600 kcmil	2 Cables	(2) 35–300 mm² (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 mm² (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 mm² (4) #2–600 kcmil	1,000 VAC, 1,500 VDC	1,000 VAC/DC