

Power Blocks – Quick Selection Guide

POWER BLOCKS (SB SERIES) – QUICK SELECTION GUIDE

Part number	Terratech El. nr.	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	1223447	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	1223437	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	1223438	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	1223448	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	1223449	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	1223439	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	1223450	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	1223440	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	1202405	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	1202406	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	1223453	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	1223443	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	1223452	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	1223442	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	1223454	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	1223444	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	1202407	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	1223451	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	1223441	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	1223455	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	1223445	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	1223456	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	1223446	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	1202408	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	1202409	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	1202410	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	1202411	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	1202412	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