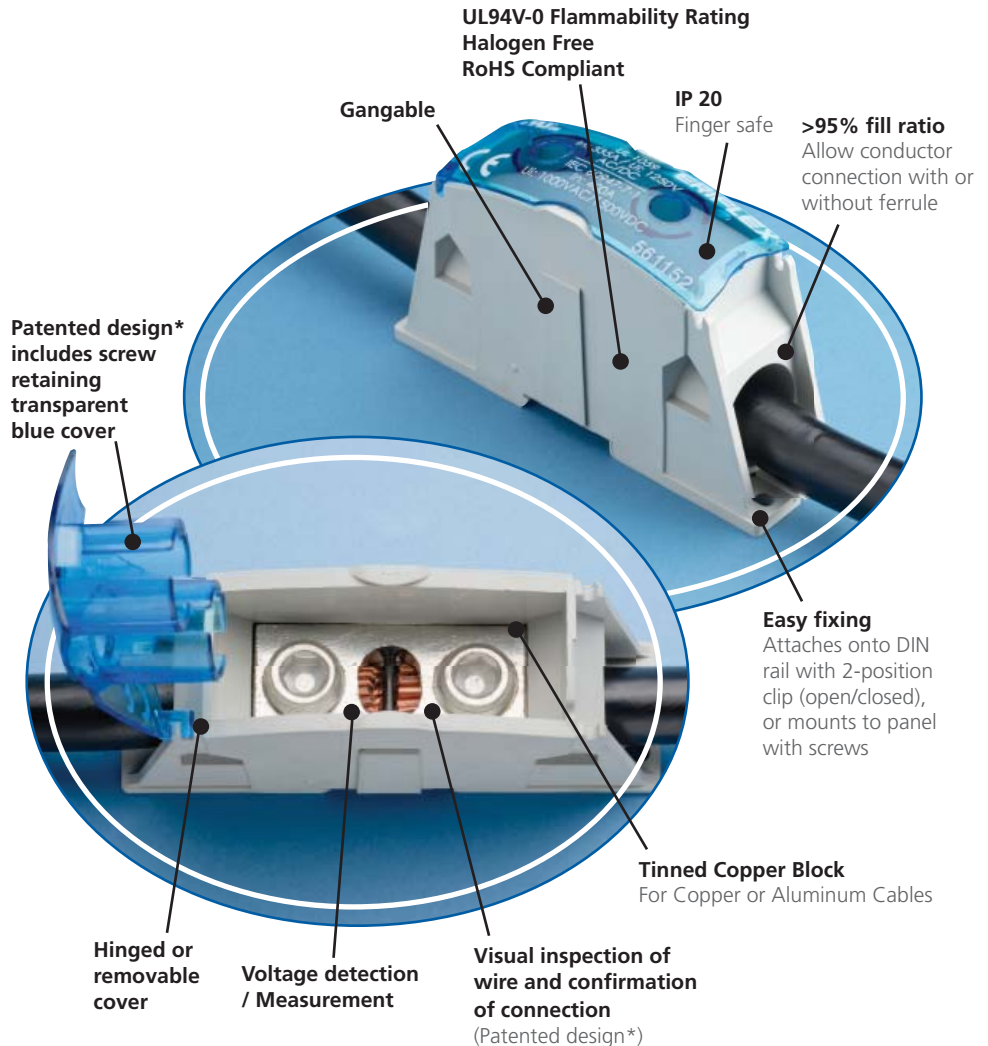


The New ERICO® Power Block SB Series

High short circuit resistant compact
power blocks

Features

- Complete Power Blocks range, from 80A up to 630A IEC® – 85A up to 545A UL®
- Offer multiple connection possibilities with One cable, Two cables or ERICO® FLEXIBAR® and IBSB/IBSBR Power Braid
- Large cross section aluminum/copper conductor connection
- Offer time saving and reliability
- High current short circuit resistance
- 100kA SCCR (UL)
- Ipk up to 51 kA (IEC)
- High voltage values under IEC & UL certification (minimum of 1000V AC/DC)
- Worldwide certification & approvals



Multiple connection possibilities available on Select Models

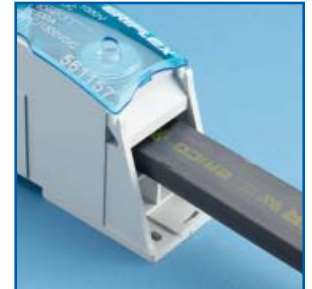
One Cable
Aluminum or Copper



Two Cables
Aluminum or Copper



ERICO® FLEXIBAR® or IBSB/IBSBR Power Braid



*Patent N°: 7,052,333 and 7,134,921

ERICO®

The New ERICO®

Power Block SB Series

High short circuit resistant compact power blocks

Model	Part N°	IEC® Current rating	UL® Current rating	Max cross section	Max cross section	IEC l _{pk}	UL SCCR*
Power Block SB 80	561150	80 A	85 A	 16 mm² 4 AWG	 16 mm² 4 AWG	25 kA	100 kA
Power Block SB 125	561158	125 A	150 A	 35 mm² 1/0 AWG	 35 mm² 1/0 AWG	25 kA	100 kA
Power Block SB 160	561151	160 A	200 A	 70 mm² 3/0 AWG	 70 mm² 3/0 AWG	42 kA	100 kA
Power Block SB 250	561159	250 A	255 A	 120 mm² 250 Kcmil	 120 mm² 250 Kcmil	42 kA	100 kA
Power Block SB 400	561152	400 A	335 A	 240 mm² 400 Kcmil	 240 mm² 400 Kcmil	51 kA	100 kA
Power Block SBF 400	561153	400 A	335 A	 240 mm² 400 Kcmil	 ERICO® FLEXIBAR 5x24x1 (120 mm²) IBSB/BSBR 100 (100 mm²)	51 kA	100 kA
Power Block SB2C 400	561154	400 A	335 A	 240 mm² 400 Kcmil	 2 x 120 mm² 2 x 250 Kcmil	51 kA	100 kA
Power Block SBF2C 400	561155	400 A	335 A	 2 x 120 mm² 2 x 250 Kcmil	 ERICO FLEXIBAR 5x24x1 (120 mm²) IBSB/BSBR 100 (100 mm²)	51 kA	100 kA
Power Block SB 630	561156	630 A	545 A	 500 mm² 1000 Kcmil	 500 mm² 1000 Kcmil	51 kA	100 kA
Power Block SBF 630	561157	630 A	545 A	 500 mm² 1000 Kcmil	 ERICO FLEXIBAR 8x32x1 (256 mm²) IBSB/BSBR 240 (240 mm²)	51 kA	100 kA

*Refer to UL file E198301 for conditions of acceptance

Worldwide Certification & Approvals



Tested and certified according to IEC 60947-7-1
U_i = 1000V AC/1500V DC



UL Recognized for US per UL 1059
V_{in} = 1250V AC/DC (SB125, SB250, SB400, SB630)
V_{in} = 1000V AC/DC (all other models)



GOST
Certificate compliance for Russia



RoHS compliance



CE
European Commission



Halogen Free

IEC is a registered trademark of International Electrotechnical Commission.
UL is a registered trademark of UL LLC.