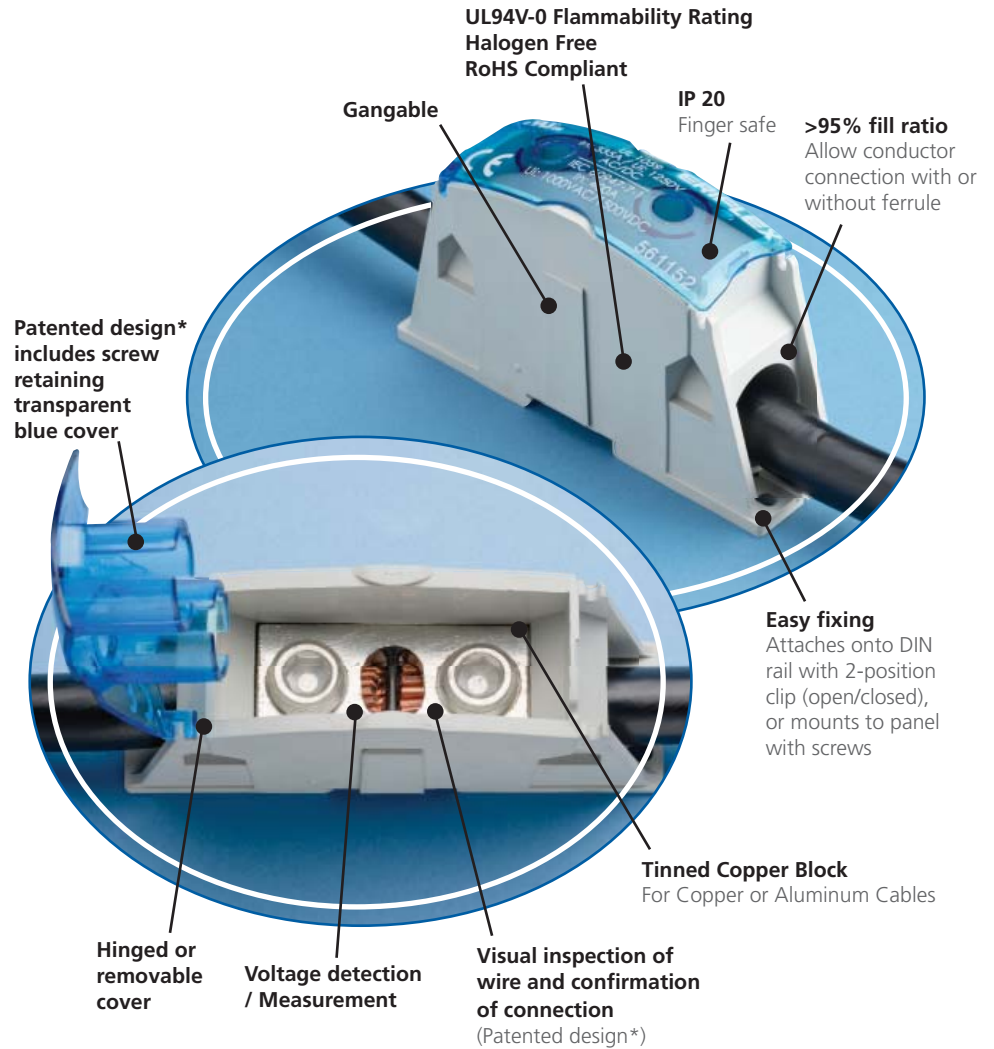


# The New ERICO® Power Block SB Series

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

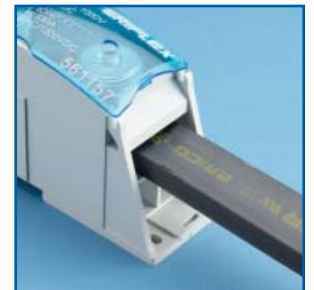
**One Cable**  
Aluminum or Copper



**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 Ipk	UL SCCR*
Power Block SB 80	561150	80 A	85 A	 16 mm <sup>2</sup> 4 AWG	 16 mm <sup>2</sup> 4 AWG	25 kA	100 kA
Power Block SB 125	561158	125 A	150 A	 35 mm <sup>2</sup> 1/0 AWG	 35 mm <sup>2</sup> 1/0 AWG	25 kA	100 kA
Power Block SB 160	561151	160 A	200 A	 70 mm <sup>2</sup> 3/0 AWG	 70 mm <sup>2</sup> 3/0 AWG	42 kA	100 kA
Power Block SB 250	561159	250 A	255 A	 120 mm <sup>2</sup> 250 Kcmil	 120 mm <sup>2</sup> 250 Kcmil	42 kA	100 kA
Power Block SB 400	561152	400 A	335 A	 240 mm <sup>2</sup> 400 Kcmil	 240 mm <sup>2</sup> 400 Kcmil	51 kA	100 kA
Power Block SBF 400	561153	400 A	335 A	 240 mm <sup>2</sup> 400 Kcmil	 ERICO® FLEXIBAR 5x24x1 (120 mm <sup>2</sup> ) IBSB/BSBR 100 (100 mm <sup>2</sup> )	51 kA	100 kA
Power Block SB2C 400	561154	400 A	335 A	 240 mm <sup>2</sup> 400 Kcmil	 2 x 120 mm <sup>2</sup> 2 x 250 Kcmil	51 kA	100 kA
Power Block SBF2C 400	561155	400 A	335 A	 2 x 120 mm <sup>2</sup> 2 x 250 Kcmil	 ERICO FLEXIBAR 5x24x1 (120 mm <sup>2</sup> ) IBSB/BSBR 100 (100 mm <sup>2</sup> )	51 kA	100 kA
Power Block SB 630	561156	630 A	545 A	 500 mm <sup>2</sup> 1000 Kcmil	 500 mm <sup>2</sup> 1000 Kcmil	51 kA	100 kA
Power Block SBF 630	561157	630 A	545 A	 500 mm <sup>2</sup> 1000 Kcmil	 ERICO FLEXIBAR 8x32x1 (256 mm <sup>2</sup> ) IBSB/BSBR 240 (240 mm <sup>2</sup> )	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  
Ui = 1000V AC/1500V DC



UL Recognized for US per UL 1059  
Vin = 1250V AC/DC (SB125, SB250, SB400, SB630)  
Vin = 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.

### WARNING

ERICO products shall be installed and used only as indicated in ERICO's product instruction sheets and training materials. Instruction sheets are available at [www.erico.com](http://www.erico.com) and from your ERICO customer service representative. Improper installation, misuse, misapplication or other failure to completely follow ERICO's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death.

Copyright ©2014 ERICO International Corporation. All rights reserved.

CADDY, CADWELD, CRITEC, ERICO, ERIFLEX, ERITECH, and LENTON are registered trademarks of ERICO International Corporation.

[www.erico.com](http://www.erico.com)

**ERICO®**  
P11825-WWEN P1277LT13WWEN 5.8M0114