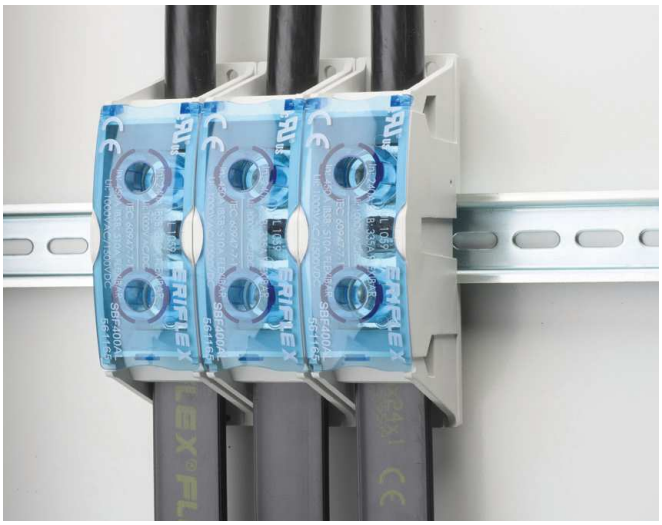
nVent

ERIFLEX

NEW RANGE OF ALUMINUM POWER BLOCKS ECONOMIC SOLUTION IN COMPACT FOOTPRINT



FROM 105A TO 860A IEC AND FROM 85A TO 545A UL

FEATURES:

- Very compact power blocks
- High short-circuit current rating (up to 100kA)
- Multiple connection possibilities, including:
  - Cable to Cable
  - Cable to two cables
  - Cable to nVent ERIFLEX Flexibar or IBSB/IBSBR power braid
- Visual inspection of wire and confirmation of connection
- Halogen free
- IP 20 UL® finger safe
- 95% fill ratio
- Tinned aluminum block for use with copper or aluminum cables
- RoHS compliant
- Self extinguishing: UL94 V-0
- Tested and certified according to IEC 60947-7-1
  - Ui=1000V AC / 1500V DC (all models)
- UL® Recognized for US & Canada per UL 1059
  - Vin = 1250V AC/DC (SB125AL, SB250AL, SB400AL, SB630AL)
  - Vin = 1000V AC/DC (all other models)

AVAILABLE ON SELECT MODELS:



Flexibar or IBSB/IBSBR compatible



Two outputs available



Patented screw-retaining feature

Model	Part No	IEC® current rating	UL® current rating	Max cross section			Max cross section			IEC Ipk	UL SCCR*
Power Block SB 80AL	561160	105 A	85 A		16 mm²	4 AWG		16 mm²	4 AWG	22 kA	100 kA
Power Block SB 125AL	561161	185 A	150 A		35 mm²	1/0 AWG		35 mm²	1/0 AWG	22 kA	100 kA
Power Block SB160AL	561162	230 A	200 A		70 mm²	3/0 AWG		70 mm²	3/0 AWG	42 kA	100 kA
Power Block SB250AL	561163	400 A	255 A		120 mm²	250 Kcmil		120 mm²	250 Kcmil	42 kA	100 kA
Power Block SB 400AL	561164	610 A	335 A		240 mm²	400 Kcmil		240 mm²	400 Kcmil	51 kA	100 kA
Power Block SBF 400AL	561165	510 A FLEX 450 A IBSB	335 A FLEX 240 A IBSB		240 mm²	400 Kcmil		Flexibar 5x24x1 (120 mm²) IBSB/IBSBR 100 (100 mm²)		51 kA	100 kA
Power Block SB2C 400AL	561166	670 A	335 A		240 mm²	400 Kcmil		2 x 120 mm²	2 x 250 Kcmil	51 kA	100 kA
Power Block SBF2C 400AL	561167	550 A FLEX 480 A IBSB	335 A		2 x 120 mm²	2 x 250 Kcmil		Flexibar 5x24x1 (120 mm²) IBSB/IBSBR 100 (100 mm²)		51 kA	100 kA
Power Block SB 630AL	561168	860 A	545 A		500 mm²	1000 Kcmil		500 mm²	1000 Kcmil	51 kA	100 kA
Power Block SBF 630AL	561169	760 A FLEX 750 A IBSB	490 A FLEX 410 A IBSB		500 mm²	1000 Kcmil		Flexibar 8x32x1 (256 mm²) IBSB/IBSBR 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 Ui = 1000V AC/1500V DC

UL Recognized for US and Canada per UL 1059
Vin = 1250V AC/DC (SB125AL, SB250AL, SB400AL, SB630AL)
Vin = 1000V AC/DC (all other models)

RoHS compliance

CE European Commission

Halogen Free

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

North America
Tel +1.800.545.6258
Fax +1.800.527.5703
info@nvent.com

Europe, Middle East, Africa
Tel +32.16.213.511
Fax +32.16.213.604
info@nvent.com

Asia Pacific
Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.info@nvent.com

Latin America
Tel +1.713.868.4800
Fax +1.713.868.2333
info@nvent.com

nVent

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Our powerful portfolio of brands:
CADDY ERICO HOFFMAN RAYCHEM SCHROFF TRACER

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

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