Voedingsblok

Data Solutions

nVent ERIFLEX Power Blocks are the main DIN mounted output/input devices for connection between primary and secondary switchboard, or main input/output connection for machine or industrial equipment (such as invertor, air conditioning machines, etc.). The high short circuit rated large cross section blocks offer time savings and reliability in every panel configuration. The complete Power Blocks range offers multiple connection types with up to four cables, nVent ERIFLEX Flexibar Advanced, or IBSB Advanced power braids.

CERTIFICERINGEN

KENMERKEN

- RoHS-conform
- Halogeenvrij
- Can be connected with round cross section cable or flat connection system like nVent ERIFLEX Flexibar Advanced or IBSB Advanced Insulated Braided Conductor
- Compact power block with high short circuit current rating
- Tinned copper or aluminum block allows for copper or aluminum conductor direct connections, or using ferrule
- Screw retaining cover is hinged and removable
- Design allows for visual inspection of conductor and confirmation of connection
- Modular snap-together blocks for building multi-pole power blocks
- Easily clips onto DIN rail or mounts to panel with screws
- Voltage detection and measurement connection
- 95% fill ratio

Conforms to EN 45545 obtaining an HL3 classification for chapter R23 and HL2 classification for chapter R22

SPECIFICATIES

Afwerking: Vertind

Table 1/2

Catalogusnummer	Artikelnummer	Type	Nominale stroom standaardtoepassing, IEC	Materiaal	Max. geleidergrootte lijnzijde, IEC	Max. geleidergrootte belastingszijde, IEC
SB2C1000AL	561174	Kabel-2 kabels	1000A	Aluminium, Thermoplastisch	500 mm²	(2) 300 mm²
SB630	561156	Kabel-kabel	630A	Koper, Thermoplastisch	500 mm²	500 mm²
SB630AL	561168	Kabel-kabel	630A	Aluminium, Thermoplastisch	500 mm²	500 mm²
SBF630AL	561169	Flexibar-kabel	630A	Aluminium, Thermoplastisch	240 mm²	500 mm²
SBF630	561157	Flexibar-kabel	630A	Koper, Thermoplastisch	240 mm²	500 mm²
SB125	561158	Kabel-kabel	170A	Koper, Thermoplastisch	35 mm²	35 mm²
SB125AL	561161	Kabel-kabel	180A	Aluminium, Thermoplastisch	35 mm²	35 mm²
SB2C2C1000AL	561175	2 kabels-2 kabels	1000A	Aluminium, Thermoplastisch	(2) 300 mm²	(2) 300 mm²
SB80	561150	Kabel-kabel	100A	Koper, Thermoplastisch	16 mm²	16 mm²
SB80AL	561160	Kabel-kabel	100A	Aluminium, Thermoplastisch	16 mm²	16 mm²
SB160AL	561162	Kabel-kabel	230A	Aluminium, Thermoplastisch	70 mm²	70 mm²

Catalogusnummer	Artikelnummer	Type	Nominale stroom standaardtoepassing, IEC	Materiaal	Max. geleidergrootte lijnzijde, IEC	Max. geleidergrootte belastingszijde, IEC
SB160	561151	Kabel-kabel	250A	Koper, Thermoplastisch	70 mm²	70 mm²
SBF250	561171	Flexibar-kabel	250A	Koper, Thermoplastisch	70 mm²	120 mm²
SB2C250	561170	Kabel-2 kabels	400A	Koper, Thermoplastisch	120 mm²	(2) 120 mm²
SB250AL	561163	Kabel-kabel	400A	Aluminium, Thermoplastisch	120 mm²	120 mm²
SB250	561159	Kabel-kabel	400A	Koper, Thermoplastisch	120 mm²	120 mm²
SBF2C250	561172	Flexibar-2-kabels	400A	Koper, Thermoplastisch	70 mm²	(2) 120 mm²
SBF2C400	561155	Flexibar-2-kabels	400A	Koper, Thermoplastisch	100 mm²	(2) 120 mm²
SBF400AL	561165	Flexibar-kabel	400A	Aluminium, Thermoplastisch	100 mm²	240 mm²
SB2C400	561154	Kabel-2 kabels	400A	Koper, Thermoplastisch	240 mm²	(2) 120 mm²

Table 2/2

Catalogusnummer	Artikelnummer	Type	Nominale stroom standaardtoepassing, IEC	Materiaal	Max. geleidergrootte lijnzijde, IEC	Max. geleidergrootte belastingszijde, IEC
SBF2C400AL	561167	Flexibar-2-kabels	400A	Aluminium, Thermoplastisch	100 mm²	(2) 120 mm²
SBF400	561153	Flexibar-kabel	400A	Koper, Thermoplastisch	100 mm²	240 mm²
SB2C400AL	561166	Kabel-2 kabels	400A	Aluminium, Thermoplastisch	240 mm²	(2) 120 mm²

Catalogusnummer	Artikelnummer	Type	Nominale stroom standaardtoepassing, IEC	Materiaal	Max. geleidergrootte lijnzijde, IEC	Max. geleidergrootte belastingszijde, IEC
SB400	561152	Kabel-kabel	500A	Koper, Thermoplastisch	240 mm²	240 mm²
SB400AL	561164	Kabel-kabel	500A	Aluminium, Thermoplastisch	240 mm²	240 mm²
SBF2C630AL	561173	Flexibar-2-kabels	800A	Aluminium, Thermoplastisch	240 mm²	240 mm²
SBF3C1000AL	561176	Flexibar-3-kabels	1000A	Aluminium, Thermoplastisch	500 mm²	(3) 300 mm²
SBF4C1600AL	561177	Flexibar-4-kabels	1600A	Aluminium, Thermoplastisch	800 mm²	(4) 300 mm²

Table 1/2

Catalogusnummer	Artikelnummer	Weerstand kortdurende stoomsterkte (Icw) 1s	Certificeringen
SB2C1000AL	561174	72kA	RoHS, UL, cUL, QPQS7.E497276, CE, ERIFLEX SB
SB630	561156	60kA	CE, ERIFLEX SB, UR, RoHS
SB630AL	561168	60kA	RoHS, cUR, CE, ERIFLEX SB, UR
SBF630AL	561169	60kA	UR, CE, ERIFLEX SB, cUR, RoHS
SBF630	561157	60kA	UR, CE, ERIFLEX SB, RoHS
SB125	561158	6kA	UR, CE, ERIFLEX SB, RoHS
SB125AL	561161	6kA	RoHS, cUR, UR, CE, ERIFLEX SB
SB2C2C1000AL	561175	72kA	RoHS, UL, cUL, QPQS7.E497276, CE, ERIFLEX SB
SB80	561150	3kA	CE, ERIFLEX SB, UR, RoHS
SB80AL	561160	3kA	RoHS, CE, ERIFLEX SB, UR, cUR
SB160AL	561162	14.4kA	RoHS, CE, ERIFLEX SB, UR, cUR

Catalogusnummer	Artikelnummer	Weerstand kortdurende stoomsterkte (Icw) 1s	Certificeringen
SB160	561151	14.4kA	UR, CE, ERIFLEX SB, RoHS
SBF250	561171	14.4kA	cUL, QPQS7.E497276, UL, RoHS, CE, ERIFLEX SB, UR
SB2C250	561170	14.4kA	CE, ERIFLEX SB, cUL, QPQS7.E497276, RoHS, UL
SB250AL	561163	14.4kA	CE, ERIFLEX SB, UR, cUR, RoHS
SB250	561159	14.4kA	RoHS, CE, ERIFLEX SB, UR
SBF2C250	561172	14.4kA	CE, ERIFLEX SB, cUL, QPQS7.E497276, UL, RoHS
SBF2C400	561155	28.8kA	RoHS, UR, CE, ERIFLEX SB
SBF400AL	561165	28.8kA	RoHS, UR, CE, ERIFLEX SB, cUR
SB2C400	561154	28.8kA	UR, CE, ERIFLEX SB, RoHS

Table 2/2

Catalogusnummer	Artikelnummer	Weerstand kortdurende stoomsterkte (Icw) 1s	Certificeringen
SBF2C400AL	561167	28.8kA	RoHS, cUR, UR, CE, ERIFLEX SB
SBF400	561153	28.8kA	UR, CE, ERIFLEX SB, RoHS
SB2C400AL	561166	28.8kA	RoHS, UR, CE, ERIFLEX SB, cUR
SB400	561152	28.8kA	RoHS, CE, ERIFLEX SB, UR
SB400AL	561164	28.8kA	CE, ERIFLEX SB, UR, cUR, RoHS
SBF2C630AL	561173	60kA	CE, ERIFLEX SB, UL, RoHS, cUL, QPQS7.E497276
SBF3C1000AL	561176	72kA	cUL, QPQS7.E497276, UL, RoHS, CE, ERIFLEX SB
SBF4C1600AL	561177	96kA	UL, RoHS, cUL, QPQS7.E497276, CE, ERIFLEX SB

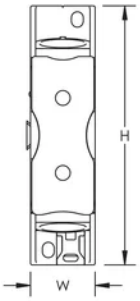
AANVULLENDE PRODUCTGEGEVENS

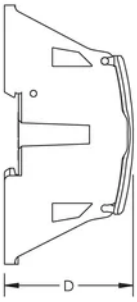
SBF250 ist UL® 1953 gelistet bei Verwendung mit SB250SPCR. Die maximale Betriebsspannung für UL-1953 Anwendungen ist 1250 VAC/DC.

Blue protection cover is less than 7% of the overall product weight.

Design Guideline for Distribution Blocks, Power Blocks and Power Terminals										
Derating according to Ambient* Temperature (°C) to maintain working temperature of 85°C										
Ambient Temperature (°C)	30°	35°	40°	45°	50°	55°	60°	65°	70°	75°
Derating Coefficient (d)	1	1	1	0,94	0,88	0,82	0,75	0,67	0,58	0,47
*environment around the terminal blocks inside the enclosure										

DIAGRAMMEN





WAARSCHUWING

nVent-producten moeten alleen worden geïnstalleerd en gebruikt zoals aangegeven in de instructiebladen en trainingsmateriaal van nVent. Instructiebladen zijn beschikbaar op www.nvent.com en bij uw nVent klantenservicevertegenwoordiger. Onjuiste installatie, misbruik, verkeerde toepassing of ander falen om de instructies en waarschuwingen van nVent volledig te volgen, kan leiden tot productstoringen, schade aan eigendommen, ernstig lichamelijk letsel en de dood en/of uw garantie ongeldig maken.

Ons krachtige merkenportfolio:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE

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