

nVent ERIFLEX Flexbus Splicing Blocks



The nVent ERIFLEX Splicing Blocks are designed for extending Flexbus conductors with a strong, compact design that ensures high short-circuit resistance and easy installation in various positions. They support extensions above 25 meters for 220-960mm² conductors and above 15 meters for 1280-1810mm² conductors. The blocks feature a powder-painted aluminum connector to prevent galvanic corrosion and nonmagnetic stainless steel screws.

The flexible insulated cover provides Class II insulation, resists high temperatures up to 115°C, has an IP55 rating for water and dust protection, and is treated to resist rodent and termite attacks. The blocks comply with IEC 61 439-1 and IEC 60 364 standards and carry CE and UKCA certifications.

CERTIFICATIONS



FEATURES

Strong and compact design for high short-circuit resistance

High-temperature resistant cover treated against rodent and termite attacks

Compliance with IEC standards and CE/UKCA certifications

Multiple connection options: vertical, horizontal, flat position, or on edge

Durable and reliable performance in various applications

IP55 water and dust resistance

UV-resistant material

Flame-retardant, Low smoke, Halogen-free

SPECIFICATIONS

Insulation Thickness:	3 mm
Min Installation Temperature:	5°C
Dielectric Strength:	20kV/mm

Material:	Thermoplastic Elastomer;Ethylene Propylene Rubber
Complies With:	IEC® 60695-2-11 (Glow Wire Test 960 °C);IEC® 61439.1;IEC® 61439.1 Class II;IEC® 60364
Halogen Free Rating:	UL® 2885;IEC® 60754-1;IEC® 62821-2
Low Smoke Rating:	UL® 2885;IEC® 61034-2;ISO 5659-2
IP Rating:	IP55
Rodent & Termite Proof:	Tested as per GB/T 34016-2017 & DIN EN 117
UV Resistance Rating:	UL® 2556;UL® 854
Flammability Rating:	UL® 94V-0
Working Temperature:	-50 to 115 °C
Insulation Elongation:	500 % Max

Table 1/1

Catalog Number	Article Number	Cross Section	A	B	C	Unit Weight
FLEXSB1280	508166	1280mm ²	322 mm	169 mm	150 mm	5.9 kg
FLEXSB1810	508167	1810mm ²	322 mm	169 mm	150 mm	6.2 kg
FLEXSB220-360	508163	220mm ² , 360mm ²	264 mm	111 mm	120 mm	2.1 kg
FLEXSB545-640	508164	545mm ² , 640mm ²	228 mm	111 mm	133 mm	2.3 kg
FLEXSB800-960	508165	800mm ² , 960mm ²	322 mm	169 mm	150 mm	5.7 kg

DIAGRAMS



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 www.nvent.com 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 death and/or void your warranty.

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Option 1 – Customer Care

Option 2 – Technical

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