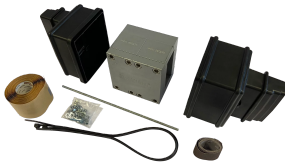


# nVent ERIFLEX Flexbus Splicing Blocks



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 220-960mm<sup>2</sup> conductors and above 15 meters for 1280-1810mm<sup>2</sup> 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

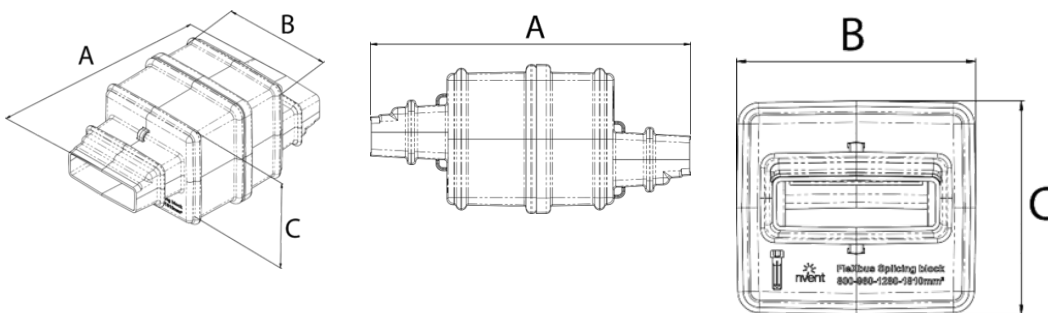
|                                      |         |
|--------------------------------------|---------|
| <b>Insulation Thickness:</b>         | 3 mm    |
| <b>Min Installation Temperature:</b> | 5°C     |
| <b>Dielectric Strength:</b>          | 20kV/mm |

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

Table 1/1

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