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# nVent ERIFLEX IFBS Reinforcement Kit for High Short-Circuit

High short-circuit kit designed to upgrade the nVent ERIFLEX IFBS so it may withstand high short-circuit values up to 130kA peak. This kit includes two strut nuts, two M8 – CHC Head Screws (75mm), two M8 – CHC Head Screws (40mm), and five reinforced spacers.

## CERTIFICATIONS

## FEATURES

- Designed to reinforce the nVent ERIFLEX IFBS Support Kit
- Can be mounted on a C-shaped profile
- Low smoke, halogen free, flame retardant and resistant to high temperatures
- IEC® 61439-1 certified and RoHS compliant

## SPECIFICATIONS

| | |
|---|---|
| **Material:** | Steel;Glass Fibre Reinforced Polyamide |
| **Complies With:** | IEC® 60695-2-11 (Glow Wire Test 960 °C);IEC® 61439.1 |
| **Flammability Rating:** | UL® 94V-0 |
| **Working Temperature:** | -40 to 130 °C |

Table 1/2

| Catalog Number | Article Number | For Use With | Conductor Type | A | B | Width (W) |
|---|---|---|---|---|---|---|

| | | | | | | |
|---|---|---|---|---|---|---|
| IFBS20SC32 | 553597 | ISBF20, ISBF24, ISBF32 | Flexibar, IBSB Advanced | 11 mm | 15 mm | 19.5 mm |
| IFBS40SC63 | 553598 | ISBF40, ISBF50, ISBF63 | Flexibar | 23 mm | 15 mm | 40 mm |

Table 2/2

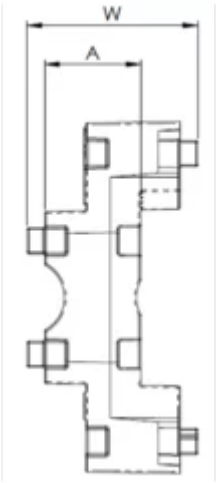
| Catalog Number | Article Number | Height (H) | Length (L) | Unit Weight |
|---|---|---|---|---|
| IFBS20SC32 | 553597 | 30 mm | 40mm | 0.33 kg |
| IFBS40SC63 | 553598 | 30 mm | 40mm | 0.39 kg |

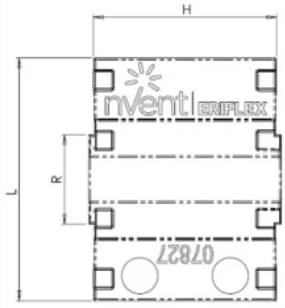
## ADDITIONAL PRODUCT DETAILS

The kit includes: 2 Strut Nuts, 2 CHC Head Screws 75mm length M8, 2 CHC Head Screws 45mm length M8, 5 Reinforced Spacers

| Recommendation - Max Distance Between Supports (mm) | | |
|---|---|---|
| Ipk (Short-Circuit Current Peak - kA) | IFBS Support Kit 20/24/32 + High Short-Circuit Kit | IFBS Support Kit 40/50/63 + High Short-Circuit Kit |
| 10 | 1000 | 1000 |
| 20 | 1000 | 1000 |
| 30 | 1000 | 1000 |
| 40 | 740 | 1000 |
| 50 | 480 | 1000 |
| 60 | 330 | 770 |
| 70 | 240 | 570 |
| 80 | 190 | 430 |
| 90 | 150 | 340 |
| 100 | 120 | 280 |
| 110 | - | 230 |
| 120 | - | 190 |
| 130 | - | 160 |

## 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.

**North America**
+1.800.753.9221
Option 1 – Customer Care
Option 2 – Technical Support

**Europe**
Netherlands:
+31 800-0200135
France:
+33 800 901 793

**Europe**
Germany:
800 1890272
Other Countries:
+31 13 5835404

**APAC**
Shanghai:
+ 86 21 2412 1618/19
Sydney:
+61 2 9751 8500

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