

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 266 °F

Table 1/2

Catalog Number	Article Number	For Use With	Conductor Type	A	B	Width (W)
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IFBS20SC32	553597	ISBF20, ISBF24, ISBF32	Flexibar, IBSB Advanced	0.43"	0.59"	0.77"
IFBS40SC63	553598	ISBF40, ISBF50, ISBF63	Flexibar	0.91"	0.59"	1.57"

Table 2/2				
Catalog Number	Article Number	Height (H)	Length (L)	Unit Weight
IFBS20SC32	553597	1.18"	1.57"	0.73 lb
IFBS40SC63	553598	1.18"	1.57"	0.86 lb

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 (in)		
Ip _k (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	39.37	39.37
20	39.37	39.37
30	39.37	39.37
40	29.13	39.37
50	18.90	39.37
60	12.99	30.31
70	9.45	22.44
80	7.48	16.93
90	5.90	13.38
100	4.72	11.02
110	-	9.05
120	-	7.48
130	-	6.3

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:
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