

# EBF2 Vertical fuse rail, size 2, 400 A, 690 V a.c., 185 mm busbar system

Fuse rail designed for operation with NH1 and NH2 fuse links

EBF

## EBF2 - Technical data

Parameters	EBF2
Size	2
Rated thermal current $I_{th}=I_n$	400 A
Rated voltage $U_n$	690 V a.c.
Rated insulation voltage $U_i$	1000 V a.c.
Rated frequency	50-60 Hz
Rated power dissipation	45 W
Rated short-circuit withstand current	100 kA
Mechanical durability (number of cycles)	100
IP degree of protection (IP)	20*
Compatible NH Fuse link body size	1,2
Accessories see page 18	

\* With fuse link shrouds



EBF2



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with fuse link shrouds

## EBF2 - Catalogue numbers

185 mm busbar system		Weight
EBF2330V1	Cable terminals: V-terminals with V-clamps (35-240 mm <sup>2</sup> )	3,2 kg
EBF2330M1	Cable terminals: screw terminals with pressed nuts M10 (M10 screw)	3,1 kg
EBF2330W1	Cable terminals: 2V-terminals with double V-clamps (2 x 50- 240 mm <sup>2</sup> )	3,8 kg

## EBF2 - Terminal clamps details

Description	EBF2 V-clamps	EBF2 Double V-clamps	EBF2 M10 screw
Clamp	V-clamp 35-300SW-B	V-clamp HS 2/35-240-C	M10 screw (pressed nut)*
Outline drawing			
Cross-section of conductors	V-clamp for direct fixing of conductor with busbar end with cross-section of:		
	35 - 185 mm <sup>2</sup>	35 - 240 mm <sup>2</sup>	35 - 185 mm <sup>2</sup> 35 - 240 mm <sup>2</sup>
Tightening torque	30 Nm	40 Nm	32 Nm

\*For stranded conductors using cable ferrules is recommended

Busbar of maximum width of 40 mm and maximum thickness of 8 mm can be fixed to M-type screw terminals when protective busbar barrier between phases is installed.

Recommend using Eaton V-terminals only. Minimum tightening torque (M12 screw) for screws fixing fuse switch disconnecter to busbar system – 32 Nm, recommended tightening torque for screws and nuts with property class 8.8 – 56 Nm