

Busbar support, 3p, for flat busbars



Part no. BBS-3/FL
107066
EL Number 2465000
(Norway)

General specifications	
Product name	Eaton xEffect SASY 60i busbar support
Part no.	BBS-3/FL
EAN	4015081068296
Product Length/Depth	50 millimetre
Product height	190 millimetre
Product width	20 millimetre
Product weight	0.154 kilogram
Compliances	RoHS conform
Certifications	IEC/EN 60439-1, VDE 0660 Part 500
Product Tradename	xEffect SASY 60i
Product Type	Busbar system component
Product Sub Type	Busbar support
Delivery program	
Type	60 mm system System for flat busbar
Color	Light gray (RAL 7035)
Number of poles	Three-pole
Technical Data - Electrical	
Voltage rating	690 V
Rated insulation voltage (Ui)	3000 V
Current rating - max	630 A
Current rating (peak withstand)	50 kA (20 x 5 mm) 64 kA (30 x 5 mm) 73 kA (30 x 10 mm) 56 kA (20 x 10 mm) 50 kA (12 x 5 mm) 50 kA (25 x 5 mm) 56 kA (12 x 10 mm)
Uninterrupted current (Iu) of bar	436 A (25 x 5 mm, Tu=35 °C and Ts=65 °C) 687 A (30 x 10 mm, Tu=35 °C and Ts=65 °C) 273 A (15 x 5 mm, Tu=35 °C and Ts=65 °C) 349 A (20 x 5 mm, Tu=35 °C and Ts=65 °C) 392 A (12 x 10 mm, Tu=35 °C and Ts=65 °C) 491 A (30 x 5 mm, Tu=35 °C and Ts=65 °C) 218 A (12 x 5 mm, Tu=35 °C and Ts=65 °C) 567 A (20 x 10 mm, Tu=35 °C and Ts=65 °C)
Rated operation current (Ie)	630 A
Short-circuit duration	20 ms
Frequency rating	50 Hz / 60 Hz
Frequency rating of contacts	50 Hz / 60 Hz
Creepage resistance	CTI 200
Technical Data - Mechanical	
Mounting position	Vertical, horizontal
Material	Thermoplast, silicon free, chlorine free Halogen free
Distance between busbar centers	60 mm
Distance between busbar supports	250 mm
Busbar distance	60 mm
Busbar temperature - max	70 °C
Design verification as per IEC/EN 61439 - technical data	
Temperature resistance	Up to 120 °C
Ambient operating temperature - max	35 °C

Additional information		
Features		Self-extinguishing acc. UL 94 Halogen free
Flammability characteristics (UL)		Self-extinguishing (UL 94)
Functions		Busbar support IEC busbar support
Special features		Can be fitted to all busbar sizes using concertina system With screw block inside
Suitable for		Three-pole
Used with		15 x 5/10 mm 30 x 5/10 mm 12 x 5/10 mm 20 x 5/10 mm 25 x 5/10 mm 60 mm system System for flat busbar

Technical data ETIM 9.0

Energy distribution systems (EG000015) / Busbar support (EC001166)			
Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Busbar carrier (ecl@ss13-27-40-06-07 [AC0377016])			
Number of poles			3
Max. rated current		A	630
Busbar distance		mm	60