

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