

Busbar support 4p, for flat busbars



**Part no.** BBS-4/FL  
**138381**  
**EL Number** 1718007  
**(Norway)**

<b>General specifications</b>	
Product name	Eaton xEffect SASY 60i busbar support
Part no.	BBS-4/FL
EAN	4015081351619
Product Length/Depth	51 millimetre
Product height	245 millimetre
Product width	20 millimetre
Product weight	0.184 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
<b>Delivery program</b>	
Type	60 mm system System for flat busbar
Color	Light gray (RAL 7035)
Number of poles	Four-pole
<b>Technical Data - Electrical</b>	
Voltage rating	690 V
Rated insulation voltage (Ui)	3000 V
Current rating - max	630 A
Current rating (peak withstand)	64 kA (30 x 5 mm) 73 kA (30 x 10 mm) 56 kA (12 x 10 mm) 50 kA (20 x 5 mm) 50 kA (25 x 5 mm) 50 kA (12 x 5 mm) 56 kA (20 x 10 mm)
Uninterrupted current (Iu) of bar	436 A (25 x 5 mm, Tu=35 °C and Ts=65 °C) 567 A (20 x 10 mm, Tu=35 °C and Ts=65 °C) 392 A (12 x 10 mm, Tu=35 °C and Ts=65 °C) 218 A (12 x 5 mm, Tu=35 °C and Ts=65 °C) 349 A (20 x 5 mm, Tu=35 °C and Ts=65 °C) 273 A (15 x 5 mm, Tu=35 °C and Ts=65 °C) 491 A (30 x 5 mm, Tu=35 °C and Ts=65 °C) 687 A (30 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
<b>Technical Data - Mechanical</b>	
Mounting position	Vertical, horizontal
Material	Halogen free Thermoplast, silicon free, chlorine free
Distance between busbar centers	60 mm
Distance between busbar supports	250 mm
Busbar distance	60 mm
Busbar temperature - max	70 °C
<b>Design verification as per IEC/EN 61439 - technical data</b>	
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		Four-pole
Used with		Flat busbar 12 x 5/10 mm 15 x 5/10 mm 25 x 5/10 mm 20 x 5/10 mm 30 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		4
Max. rated current	A	630
Busbar distance	mm	60