

Specifications



Eaton 107066

Eaton xEffect SASY 60i Enclosures Switch- & Controlgear Enclosure. Busbar support, 3p, for flat busbars

General specifications

PRODUCT NAME	Eaton xEffect SASY 60i busbar support
CATALOG NUMBER	107066
MODEL CODE	BBS-3/FL
EAN	4015081068296
PRODUCT LENGTH/DEPTH	50 mm
PRODUCT HEIGHT	190 mm
PRODUCT WIDTH	20 mm
PRODUCT WEIGHT	0.154 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC/EN 60439-1, VDE 0660 Part 500



Powering Business Worldwide

Additional information

FEATURES	Self-extinguishing acc. UL 94 Halogen free
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FLAMMABILITY CHARACTERISTICS (UL)	Self-extinguishing (UL 94)
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FUNCTIONS	Busbar support IEC busbar support
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SPECIAL FEATURES	- Can be fitted to all busbar sizes using concertina system - With screw block inside
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SUITABLE FOR	Three-pole
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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
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Design verification to IEC/EN 61439 - technical data

AMBIENT OPERATING TEMPERATURE - MAX	35 °C
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TEMPERATURE RESISTANCE	Up to 120 °C
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Delivery programme

COLOR	Light gray (RAL 7035)
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NUMBER OF POLES	Three-pole
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TYPE	60 mm system - System for flat busbar
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Technical data - electrical

CREEPAGE RESISTANCE	CTI 200
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CURRENT RATING - MAX	630 A
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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)
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FREQUENCY RATING	50 Hz / 60 Hz
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FREQUENCY RATING OF CONTACTS	50 Hz / 60 Hz
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RATED INSULATION VOLTAGE (UI)	3000 V
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RATED OPERATION CURRENT (IE)	630 A
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SHORT-CIRCUIT DURATION	20 ms
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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)
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	°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)
VOLTAGE RATING	690 V

Technical data - mechanical

BUSBAR DISTANCE	60 mm
BUSBAR TEMPERATURE - MAX	70 °C
DISTANCE BETWEEN BUSBAR CENTERS	60 mm
DISTANCE BETWEEN BUSBAR SUPPORTS	250 mm
MATERIAL	Thermoplast, silicon free, chlorine free Halogen free
MOUNTING POSITION	Vertical, horizontal

Resources

BROCHURES	eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf
CATALOGUES	Product Range Catalog Switching and protecting motors
CERTIFICATION REPORTS	eaton-xeffect-sasy-60i-declaration-of-conformity.pdf
CHARACTERISTIC CURVE	eaton-xeffect-sasy-60i-busbar-support-characteristics-curve.jpg
	eaton-control-panels-xeffect-sasy-busbar-support-dimensions.eps
DRAWINGS	eaton-control-panels-xeffect-sasy-busbar-support-3d-drawing-002.eps
TECHNICAL DATA SHEETS	eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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