

Specifications



Eaton 107162

Eaton xEffect SASY 60i Enclosures Switch- & Controlgear Enclosure. Busbar support, 3p, profile up to 720mm²

General specifications

PRODUCT NAME	Eaton xEffect SASY 60i busbar support
CATALOG NUMBER	107162
MODEL CODE	BBS-3/PR
EAN	4015081069255
PRODUCT LENGTH/DEPTH	25 mm
PRODUCT HEIGHT	140 mm
PRODUCT WIDTH	210 mm
PRODUCT WEIGHT	0.48 kg
COMPLIANCES	UL CSA09 (refer to approbation report) CE marking UL508A CSA-C22.2 No. 14 IEC 60439-1 RoHS conform
CERTIFICATIONS	CSA (Class No. 3211-37) VDE 0660 Part 500, IEC/EN 61439-2 CSA (File No. 236217) North America (UL listed, CSA certified) UL (Category Control Number NMTR, NMTR7) UL (File No. E300273)



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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	Current limiting circuit breaker, refer to approbation report Busbar support Double T profile busbar carrier
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SPECIAL FEATURES	• Suitable for outside and middle carrier • With screw block inside
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SUITABLE FOR	Three-pole
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USED WITH	Double T profile Feeder circuits 60 mm system System for profile busbars
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Design verification to IEC/EN 61439 - technical data

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 profile busbars
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Technical data - electrical

CREEPAGE RESISTANCE	CTI 200
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CURRENT RATING - MAX	1600 A
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CURRENT RATING (PEAK WITHSTAND)	72 kA (500 mm ²) 87 kA (720 mm ²)
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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)	1600 A
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RATED UNINTERRUPTED CURRENT OF CONDUCTOR	1281 A (720 mm ² , Tu=35 °C and Ts=65 °C) 1003 A (500 mm ² , Tu=35 °C and Ts=65 °C)
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SHORT-CIRCUIT DURATION	20 ms
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VOLTAGE RATING	690 V
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VOLTAGE RATING (UL CSA 13)	Max. 600 V AC
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Technical data - mechanical

BUSBAR DISTANCE 60 mm

BUSBAR TEMPERATURE - MAX 70 °C

DEGREE OF PROTECTION Feeder circuits

DISTANCE BETWEEN BUSBAR CENTERS 60 mm

DISTANCE BETWEEN BUSBAR SUPPORTS 500 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](#)

CERTIFICATION REPORTS [eaton-xeffect-sasy-60i-declaration-of-conformity.pdf](#)

CHARACTERISTIC CURVE [eaton-control-panels-xeffect-sasy-busbar-support-characteristic-curve-003.eps](#)

[eaton-control-panels-xeffect-sasy-busbar-support-characteristic-curve-002.eps](#)

DRAWINGS [eaton-control-panels-xeffect-sasy-busbar-support-dimensions-004.eps](#)

[eaton-control-panels-xeffect-sasy-busbar-support-3d-drawing-005.eps](#)

TECHNICAL DATA SHEETS [eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf](#)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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