

Specifications

Eaton 107166



Eaton xEffect SASY 60i Enclosures Switch- & Controlgear Enclosure. Profile busbar, T, cu, 500mm², tin-plated 2.40 m

General specifications

PRODUCT NAME	Eaton xEffect SASY 60i Enclosures Switch- & Controlgear Enclosure
CATALOG NUMBER	107166
MODEL CODE	CU-BAR-500/T
EAN	4015081069293
PRODUCT LENGTH/DEPTH	2400 mm
PRODUCT HEIGHT	40 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	10.44 kg
COMPLIANCES	IEC 60439-1 UL CSA09 (refer to approbation report) CE marking UL508A CSA-C22.2 No. 14 RoHS conform
CERTIFICATIONS	North America (UL listed, CSA certified) CSA (File No. 236217) UL 508 UL (Category Control Number NMTR, NMTR7) UL (File No. E300273) EN 13061 CSA (Class No. 3211-37)



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Additional information

FUNCTIONS

Current limiting circuit breaker, refer to approbation report
Profiled busbar
System for profile busbars

E-CU double T profile busbar

USED WITH

BBS-3/PR, BBS-1/PR, BBS-3/FL-185
Feeder circuits
60 mm system
185 mm system
System for profile busbar

Technical data - electrical

RATED OPERATION CURRENT (IE)

1250 A

RATED UNINTERRUPTED CURRENT (IU) OF CONDUCTOR

1200 A (720 mm², Tu=35 °C and Ts=65 °C)
950 A (500 mm², Tu=35 °C and Ts=65 °C)

VOLTAGE RATING (UL CSA 13)

Max. 600 V AC

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-control-panels-characteristic-curve-003.eps](#)

DRAWINGS

[eaton-control-panels-dimensions-002.eps](#)
[4300DRW-29](#)

TECHNICAL DATA SHEETS

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

Delivery programme

MODEL

Profile

NOMINAL CURRENT

1250 A

TYPE

- 185 mm system
- 60 mm system
- System for profile busbar

Technical data - mechanical

CROSS SECTION

500 mm²

DEGREE OF PROTECTION

Feeder circuits

DISTANCE BETWEEN BUSBAR CENTERS

185 mm
60 mm

MATERIAL

Copper, tinned

SURFACE PROTECTION

Tinned

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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