

# Specifications



Photo is representative

## Eaton 107183

Eaton xEffect SASy 60i Enclosures Switch- & Controlgear Enclosure. Terminal plate, 6-50mm<sup>2</sup>, 54 mm

### General specifications

|                             |                                                                                                                                                                                                                              |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton xEffect SASy 60i terminal plate                                                                                                                                                                                        |
| <b>CATALOG NUMBER</b>       | 107183                                                                                                                                                                                                                       |
| <b>MODEL CODE</b>           | BBA-TP3/50                                                                                                                                                                                                                   |
| <b>EAN</b>                  | 4015081069460                                                                                                                                                                                                                |
| <b>PRODUCT LENGTH/DEPTH</b> | 95 mm                                                                                                                                                                                                                        |
| <b>PRODUCT HEIGHT</b>       | 210 mm                                                                                                                                                                                                                       |
| <b>PRODUCT WIDTH</b>        | 115 mm                                                                                                                                                                                                                       |
| <b>PRODUCT WEIGHT</b>       | 0.435 kg                                                                                                                                                                                                                     |
| <b>COMPLIANCES</b>          | UL CSA09 (refer to approbation report)<br>RoHS conform                                                                                                                                                                       |
| <b>CERTIFICATIONS</b>       | CSA-C22.2 No. 14<br>IEC 60439-1<br>UL508A<br>UL (Category Control Number NMTR, NMTR7)<br>CSA (File No. 236217)<br>North America (UL listed, CSA certified)<br>CSA (Class No. 3211-37)<br>UL (File No. E300273)<br>CE marking |

## Additional information

**FEATURES** Self-extinguishing acc. UL 94

**FUNCTIONS** Connections  
Clamp plate  
Current limiting circuit breaker, refer to approbation report

**SPECIAL FEATURES**

- The terminal can be removed for the connection of uncut conductors
- Looping is possible

**SUITABLE FOR** Three-pole  
Round conductor connection  
Flat rail  
Sector conductor connection  
Strip conductor connection

**USED WITH** 25 mm x 5/10 mm rail  
12 mm x 5/10 mm rail  
Double T profile  
Feeder circuits  
20 mm x 5/10 mm rail  
15 mm x 5/10 mm rail  
30 mm x 5/10 mm rail  
Connection  
60 mm system

## Design verification to IEC/EN 61439 - technical data

**TEMPERATURE RESISTANCE** Temperature resistant to 120 °C

## Delivery programme

**TYPE**

- 60 mm system
- Connection

## Technical data - electrical

**CREEPAGE RESISTANCE** CTI 200

**RATED OPERATION CURRENT (IE)** 300 A

**RATED OPERATIONAL CURRENT** 300 A

**RATED OPERATIONAL CURRENT (IE) - MAX** 300 A

**VOLTAGE RATING (UL CSA 13)** Max. 600 V AC

## Technical data - mechanical

|                                      |                                                                                  |
|--------------------------------------|----------------------------------------------------------------------------------|
| <b>BUSBAR THICKNESS - MAX</b>        | 10 mm                                                                            |
| <b>BUSBAR THICKNESS - MIN</b>        | 5 mm                                                                             |
| <b>BUSBAR WIDTH - MAX</b>            | 30 mm                                                                            |
| <b>BUSBAR WIDTH - MIN</b>            | 12 mm                                                                            |
| <b>CONDUCTOR CROSS SECTION - MAX</b> | 50 mm <sup>2</sup>                                                               |
| <b>DEGREE OF PROTECTION</b>          | Feeder circuits<br>UL508A; CSA-C22.2 No. 14;<br>IEC 60439-1; CE marking          |
| <b>MATERIAL</b>                      | Silicon free, chlorine free                                                      |
| <b>TERMINAL CAPACITY (CONDUCTOR)</b> | AWG 10 - AWG 2/0<br>9 mm x 0.8 mm (6x)<br>6 mm <sup>2</sup> - 50 mm <sup>2</sup> |
| <b>TERMINAL CONTACT AREA</b>         | 10 mm x 15 mm                                                                    |
| <b>WIDTH CLAMP</b>                   | 54 mm                                                                            |

## Resources

|                       |                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BROCHURES             | <a href="#">eaton-xeffect-sasy60i-customer-success-story-css-wagner-mueller-en-us.pdf</a>                                                                          |
| CATALOGUES            | <a href="#">Product Range Catalog Switching and protecting motors</a>                                                                                              |
| CERTIFICATION REPORTS | <a href="#">eaton-xeffect-sasy-60i-declaration-of-conformity.pdf</a>                                                                                               |
| DRAWINGS              | <a href="#">eaton-control-panels-xeffect-sasy-terminal-plate-dimensions.eps</a><br><a href="#">eaton-control-panels-xeffect-sasy-terminal-plate-3d-drawing.eps</a> |
| TECHNICAL DATA SHEETS | <a href="#">eaton-xeffect-sasy-60i-fk4300-1167gb-en-us.pdf</a>                                                                                                     |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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