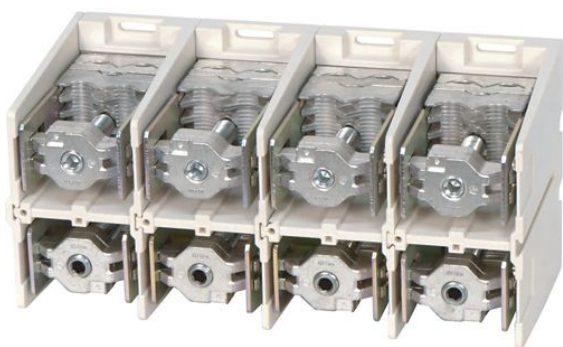


# Eaton 074850

Catalog Number: 074850

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 1000A, 4p, flat/round, 185

General specifications



|                                                                          |                |
|--------------------------------------------------------------------------|----------------|
| Product Name                                                             | Catalog Number |
| Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure | 074850         |
|                                                                          | EAN            |
|                                                                          | 4015080748502  |
| Product Length/Depth                                                     | Product Height |
| 150 mm                                                                   | 165 mm         |
| Product Width                                                            | Product Weight |
| 334 mm                                                                   | 17.506 kg      |
| Compliances                                                              |                |
| RoHS conform                                                             |                |

## Product specifications

### Used with

Accessory panel building  
General switchboard accessory

### Special features

Conversion kits for strip terminal in cable connection available separately  
Terminal covers available separately  
Including labels for terminal marking U, V, W - X, Y, Z - L1, L2, L3 - T1, T2, T3 - PE, N, PEN, protective earth (ground) symbol  
Relationship of rated operational current -terminal capacity to IEC/EN 60439, VDE 0660 Part 500 or EN 50021  
Outer terminal for round or sectoral conductor, other side for Cu strip

### Type

Accessory panel building  
General switchboard accessory

### Features

Contact safe

### Accessory/spare part type

Terminations  
Terminals, 160 – 1000 A

### Connection type

Clamp  
Screwing

### Number of poles

Four-pole

### Rated operation current (Ie)

1000 A

## Resources

### Catalogs

[eaton-panel-building-accessories-catalog-ca008008en-en-us.pdf](#)

### Declarations of conformity

[eaton-xeffect-k-type-terminals-declaration-of-conformity-en-us.pdf](#)

### Drawings

[eaton-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps](#)

### Installation instructions

[IL015110ZU](#)

### mCAD model

[eaton-K4X185\\_4-3d-model.stp](#)

[eaton-K4X185\\_4-drawing.dwg](#)

### System overview

[eaton-control-panels-terminals-xeffect-k-type-terminal-explosion-drawing-002.eps](#)

Mounting method

Screw

Suitable for

Useful for stranded conductors

Terminal capacity (copper band)

40 mm x 1 mm (10x) for flat strip

2 segments of 21 mm x 1 mm (11x) for flat strip

50 mm x 1 mm (10x) for flat strip

Nominal current

1000 A

Number of connections (Less Than 6 mm squared)

0

Number of connections (Less Than AWG 6)

0

Number of connections (Greater Than 25 mm squared)

8

Number of connections (Greater Than 250 kcmil)

0

Number of connections (10 mm squared)

0

Number of connections (16 mm squared)

0

Number of connections (25 mm squared)

0

Number of connections (250 kcmil)

0

Number of connections (AWG 2)

0

Number of connections (AWG 4)

0

Number of connections (AWG 4/0)

0

Number of connections (AWG 6)

0

Number of connections (total)

8

Rated insulation voltage (Ui)

1000 VAC

Number of outputs

4

Terminal capacity (aluminum cable)

120 mm<sup>2</sup> - 150 mm<sup>2</sup> (4x)

240 mm<sup>2</sup> (2x)

Terminal capacity (conductor)

60 mm x 15 mm

Terminal capacity (copper/aluminum cable)

50 mm<sup>2</sup> - 185 mm<sup>2</sup> (4x)

150 mm<sup>2</sup> - 300 mm<sup>2</sup> (2x)

Conductor cross section, input - max

185 mm<sup>2</sup>

Conductor cross section, output - min

50 mm<sup>2</sup>

Conductor cross section, input - min

50 mm<sup>2</sup>

Conductor cross section, input AWG - min

1 mm<sup>2</sup>

Conductor cross section, input AWG - max

350 mm<sup>2</sup>

Conductor cross section, output - max

300 mm<sup>2</sup>

Conductor cross section, output AWG - max

0 mm<sup>2</sup>

Conductor cross section, output AWG - min

0 mm<sup>2</sup>

Number of inputs

2



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