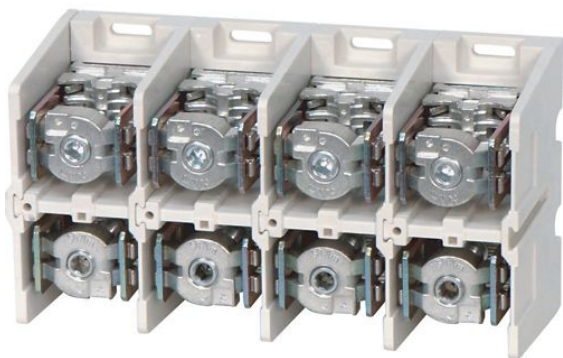


Eaton 048747

Catalog Number: 048747

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 630A, 4p, flat/round

General specifications



Product Name	Catalog Number
Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure	048747
	EAN
	4015080487470
Product Length/Depth	Product Height
225 mm	140 mm
Product Width	Product Weight
254 mm	6.94 kg
Compliances	
RoHS conform	

Product specifications

Used with

General switchboard accessory

Accessory panel building

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

Terminals, 160 – 1000 A

Terminations

Connection type

Clamp

Screwing

Number of poles

Four-pole

Rated operation current (Ie)

630 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](#)

[DA-DC-03_K95_K150_K240_K2x240_K3x185](#)

Drawings

[eaton-insulated-boards-terminals-xeffect-k-type-terminal-dimensions-004.eps](#)

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

[eaton-distribution-boards-terminals-xeffect-k-type-terminal-3d-drawing-002.eps](#)

Installation instructions

[IL015110ZU](#)

[IL0609](#)

mCAD model

[eaton-K2X240_4-3d-model.stp](#)

[eaton-K2X240_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)

21 mm x 1 mm (11x) for flat strip

16 mm x 0.8 mm (10x) for flat strip

Nominal current

630 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

2

Terminal capacity (aluminum cable)

150 mm² - 240 mm² (1x)

95 mm² - 185 mm² (2x)

Terminal capacity (conductor)

40 mm x 15 mm

Terminal capacity (copper/aluminum cable)

150 mm² - 300 mm² (1x)

50 mm² - 240 mm² (2x)

Conductor cross section, input - max

300 mm²

Conductor cross section, output - min

70 mm²

Conductor cross section, input - min

70 mm²

Conductor cross section, input AWG - min

0 mm²

Conductor cross section, input AWG - max

600 mm²

Conductor cross section, output - max

300 mm²

Conductor cross section, output AWG - max

0 mm²

Conductor cross section, output AWG - min

0 mm²

Number of inputs

1



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