

Eaton 093831

Catalog Number: 093831

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 630A, 1p, flat/round

General specifications



Product Name	Catalog Number
Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure	093831
	EAN
	4015080938316
Product Length/Depth	Product Height
125 mm	140 mm
Product Width	Product Weight
240 mm	1.909 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

Single-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-xeffect-k-type-terminal-dimensions-004.eps](#)
[eaton-distribution-boards-terminals-xeffect-k-type-terminal-3d-drawing.eps](#)
[eaton-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps](#)

Installation instructions

[IL015110ZU](#)

[IL0609](#)

mCAD model

[eaton-K2X240_1-drawing.dwg](#)
[eaton-K2X240_1-3d-model.stp](#)

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)

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

21 mm x 1 mm (11x) 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)

2

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)

2

Rated insulation voltage (Ui)

1000 VAC

Number of outputs

2

Terminal capacity (aluminum cable)

95 mm² - 185 mm² (2x)

150 mm² - 240 mm² (1x)

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

240 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

500 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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