Specifications

# Eaton 093831



## Catalog Number: 093831

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

### General specifications

**Product Name**
Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure

**Catalog Number**
093831

**EAN**
4015080938316

**Product Length/Depth**
125 mm

**Product Height**
140 mm

**Product Width**
240 mm

**Product Weight**
1.909 kg

**Compliances**
RoHS conform

Powering Business Worldwide

## 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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