Specifications

Eaton 091458



Catalog Number: 091458

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 400A, 1p, flat/round

General specifications

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

Catalog Number
091458

EAN
4015080914587

Product Length/Depth
100 mm

Product Height
115 mm

Product Width
52 mm

Product Weight
0.972 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)

400 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-003.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

IL0608

mCAD model

eaton-K240_1-drawing.dwg

eaton-K240_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

Fine strand conductors

Terminal capacity (copper band)

16 mm x 0.8 mm (6x) for flat strip

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

Nominal current

400 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)

1

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)

1

Rated insulation voltage (Ui)

1000 VAC

Number of outputs

2

Terminal capacity (aluminum cable)

95 mm² - 185 mm² (1x)

50 mm² - 95 mm² (2x)

Terminal capacity (conductor)

25 mm x 15 mm

Terminal capacity (copper/aluminum cable)

50 mm² - 240 mm² (1x)

25 mm² - 120 mm² (2x)

Conductor cross section, input - max

240 mm²

Conductor cross section, output - min

25 mm²

Conductor cross section, input - min

25 mm²

Conductor cross section, input AWG - min

0 mm²

Conductor cross section, input AWG - max

0 mm²

Conductor cross section, output - max

240 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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