Specifications

Eaton 089085



Catalog Number: 089085

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 250A, 1p, flat/round

General specifications

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

Catalog Number
089085

EAN
4015080890850

Product Length/Depth
105 mm

Product Height
115 mm

Product Width
37 mm

Product Weight
0.653 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)

250 A

Resources

Catalogs

eaton-panel-building-accessories-catalog-ca008008en-en-us.pdf

Declarations of conformity

DA-DC-03_K95_K150_K240_K2x240_K3x185

eaton-xeffect-k-type-terminals-declaration-of-conformity-en-us.pdf

Drawings

eaton-insulated-boards-xeffect-k-type-terminal-dimensions-002.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

IL0607

mCAD model

eaton-K150_1-drawing.dwg

eaton-K150_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)

1 segment of 16 mm x 0.8 mm (4x) - 2 segments of 16 mm x 0.8 mm (6x) for flat strip

Nominal current

250 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)

35 mm² - 50 mm² (2x)

50 mm² - 120 mm² (1x)

Terminal capacity (conductor)

18 mm x 4 mm

Terminal capacity (copper/aluminum cable)

35 mm² - 150 mm² (1x)

16 mm² - 70 mm² (2x)

Conductor cross section, input - max

150 mm²

Conductor cross section, output - min

16 mm²

Conductor cross section, input - min

16 mm²

Conductor cross section, input AWG - min

0 mm²

Conductor cross section, input AWG - max

0 mm²

Conductor cross section, output - max

150 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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