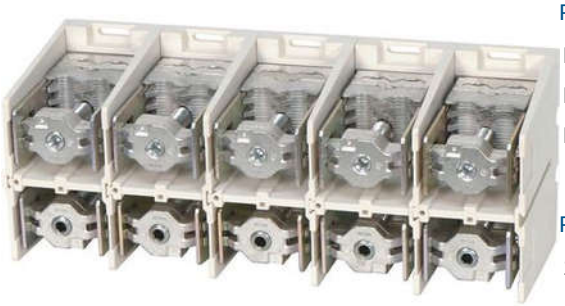
Specifications

Eaton 053493

Catalog Number: 053493

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 1000A, 5p, flat/round, 240



General specifications

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

Catalog Number
053493

EAN
4015080534938

Product Length/Depth
150 mm

Product Height
165 mm

Product Width
416 mm

Product Weight
21.752 kg

Compliances
RoHS conform

Powering Business Worldwide

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

Terminations
Terminals, 160 – 1000 A

Connection type

Clamp
Screwing

Number of poles

Five-pole

Rated operation current (Ie)

1000 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

Drawings

eaton-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps

Installation instructions

IL015110ZU

mCAD model

eaton-K3X240_5-drawing.dwg

eaton-K3X240_5-3d-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)

40 mm x 1 mm (10x) for flat strip

50 mm x 1 mm (10x) for flat strip

2 segments of 21 mm x 1 mm (11x) for flat strip

Nominal current

1000 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)

10

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)

10

Rated insulation voltage (Ui)

1000 VAC

Number of outputs

3

Terminal capacity (aluminum cable)

150 mm² - 185 mm² (3x)

150 mm² - 240 mm² (2x)

Terminal capacity (conductor)

60 mm x 15 mm

Terminal capacity (copper/aluminum cable)

50 mm² - 240 mm² (3x)

150 mm² - 300 mm² (2x)

Conductor cross section, input - max

240 mm²

Conductor cross section, output - min

50 mm²

Conductor cross section, input - min

50 mm²

Conductor cross section, input AWG - min

1 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

2



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