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Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 630A, 4p, flat/round
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- General specifications
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General specifications

Product Name
Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure
Catalog Number
048747
Model Code
K2X240/4
EAN
4015080487470
Product Length/Depth
225 mm
Product Height
140 mm
Product Width
254 mm
Product Weight
6.94 kg
Compliances

RoHS conform

Product specifications

Nominal current
630 A
Number of connections (250 kcmil)
0
Conductor cross section, input - max
300 mm²
Accessory/spare part type
Terminals, 160 – 1000 A
Terminations
Terminal capacity (copper band)
21 mm x 1 mm (1x) for flat strip
16 mm x 0.8 mm (10x) for flat strip
Conductor cross section, output - max
300 mm²
Number of connections (AWG2)
0
Conductor cross section, input AWG - max
600 mm²
Suitable for
Useful for stranded conductors
Number of connections (AWG4)
0
Mounting method
Screw
Number of connections (AWG6)
0
Conductor cross section, output - min
70 mm²
Conductor cross section, output AWG - min
0 mm²
Connection type
Clamp
Screwing
Number of connections (AWG4/0)
0
Number of connections (10 mm squared)
0
Number of connections (25 mm squared)
0
Number of connections (16 mm squared)
0
Conductor cross section, input - min
70 mm²
Number of connections (Greater Than 25 mm squared)
8
Number of connections (Less Than 6 mm squared)
0
Conductor cross section, output AWG - max
0 mm²
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

Rated operation current (Ie)
630 A
Number of inputs
1
Number of connections (Less Than AWG6)

0
Features
Contact safe
Number of connections (Greater Than 250 kcmil)
0
Number of connections (total)
8
Terminal capacity (aluminum cable)
150 mm² - 240 mm² (1x)
95 mm² - 185 mm² (2x)
Number of poles
Four-pole
Type

- Accessory panel building
- General switchboard accessory

Number of outputs
2
Used with
General switchboard accessory
Accessory panel building
Terminal capacity (copper/aluminum cable)
150 mm² - 300 mm² (1x)
50 mm² - 240 mm² (2x)
Terminal capacity (conductor)
40 mm x 15 mm
Conductor cross section, input AWG - min
0 mm²
Rated insulation voltage (Ui)
1000 VAC
Serial Number Verified :
Authenticated: ✓
The product is verified as being authentic; however, this does not guarantee the condition or fit for purpose of the product.

Catalogs

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

Certification reports

- DA-DC-03_K95_K150_K240_K2x240_K3x185

Declarations of conformity

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

Drawings

- eaton-insulated-boards-terminals-xeffect-k-type-terminal-dimensions-004.eps
- eaton-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps
- eaton-distribution-boards-terminals-xeffect-k-type-terminal-3d-drawing-002.eps

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Installation instructions

- IL015110ZU
- IL0609

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System overview

- eaton-control-panels-terminals-xeffect-k-type-terminal-explosion-drawing-002.eps

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