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- Hydraulic power packs and accumulators
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- Medium-voltage power distribution & control systems
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- <u>Pumps</u>
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000

xEffect K-type terminals

048747

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# 048747

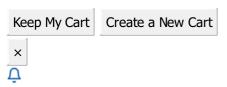
Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 630A, 4p, flat/round Add a free sample to the cart Access the online catalog



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- General specifications
- Product specifications

# 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

 $6.94 \, \mathrm{kg}$ 

Compliances

**Product specifications** Nominal current 630 A Number of connections (250 kcmil) Conductor cross section, input - max 300 mm<sup>2</sup> Accessory/spare part type Terminals, 160 – 1000 A **Terminations** Terminal capacity (copper band) 21 mm x 1 mm (11x) for flat strip  $16 \,\mathrm{mm} \,\mathrm{x} \,0.8 \,\mathrm{mm} \,(10\mathrm{x})$  for flat strip Conductor cross section, output - max 300 mm<sup>2</sup> Number of connections (AWG2) Conductor cross section, input AWG-max 600 mm<sup>2</sup> Suitable for Useful for stranded conductors Number of connections (AWG4) Mounting method Screw Number of connections (AWG6) Conductor cross section, output - min  $70 \, \mathrm{mm}^2$ Conductor cross section, output AWG-min  $0 \, \mathrm{mm}^2$ Connection type Clamp Screwing Number of connections (AWG4/0) Number of connections (10 mm squared) Number of connections (25 mm squared) Number of connections (16 mm squared) Conductor cross section, input - min  $70 \, \mathrm{mm}^2$ Number of connections (Greater Than 25 mm squared)

Number of connections (Less Than 6 mm squared)

Conductor cross section, output AWG-max  $0 \, \mathrm{mm}^2$ 

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

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)

 $150 \, \text{mm}^2 - 300 \, \text{mm}^2 \, (1x)$ 

 $50 \text{ mm}^2 - 240 \text{ mm}^2 (2x)$ 

Terminal capacity (conductor)

40 mm x 15 mm

Conductor cross section, input AWG-min

Rated insulation voltage (Ui)

1000 VAC

 $0\,\mathrm{mm}^2$ 

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**

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

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# **Installation instructions**

- <u>IL015110ZU</u>
- IL0609

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# System overview

• <u>eaton-control-panels-terminals-xeffect-k-type-terminal-explosion-drawing-002.eps</u>

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x

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• 048747

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