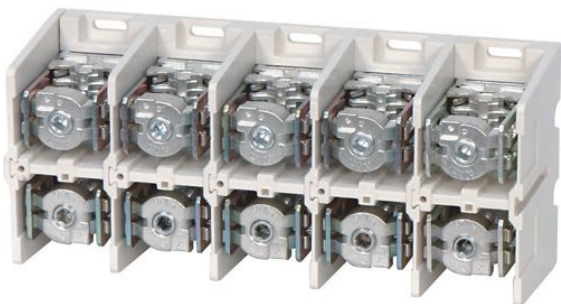


# Eaton 051120

Catalog Number: 051120

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 630A, 5p, flat/round

General specifications



Product Name	Catalog Number
Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure	051120
	EAN
	4015080511205
Product Length/Depth	Product Height
125 mm	140 mm
Product Width	Product Weight
316 mm	8.612 kg
Compliances	
RoHS conform	

## 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

Terminals, 160 – 1000 A  
Terminations

### Connection type

Clamp  
Screwing

### Number of poles

Five-pole

### Rated operation current (Ie)

630 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-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps](#)

### Installation instructions

[IL015110ZU](#)

### mCAD model

[eaton-K2X240\\_5-drawing.dwg](#)

[eaton-K2X240\\_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)

21 mm x 1 mm (11x) for flat strip

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

## Nominal current

630 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

2

#### Terminal capacity (aluminum cable)

95 mm<sup>2</sup> - 185 mm<sup>2</sup> (2x)

150 mm<sup>2</sup> - 240 mm<sup>2</sup> (1x)

#### Terminal capacity (conductor)

40 mm x 15 mm

#### Terminal capacity (copper/aluminum cable)

50 mm<sup>2</sup> - 240 mm<sup>2</sup> (2x)

150 mm<sup>2</sup> - 300 mm<sup>2</sup> (1x)

#### Conductor cross section, input - max

300 mm<sup>2</sup>

#### Conductor cross section, output - min

70 mm<sup>2</sup>

#### Conductor cross section, input - min

70 mm<sup>2</sup>

#### Conductor cross section, input AWG - min

0 mm<sup>2</sup>

#### Conductor cross section, input AWG - max

600 mm<sup>2</sup>

#### Conductor cross section, output - max

300 mm<sup>2</sup>

#### Conductor cross section, output AWG - max

0 mm<sup>2</sup>

#### Conductor cross section, output AWG - min

0 mm<sup>2</sup>

#### Number of inputs

1



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