



## Eaton 051120

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

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<b>PRODUCT NAME</b>	Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure
<b>CATALOG NUMBER</b>	051120
<b>PRODUCT LENGTH/DEPTH</b>	125 mm
<b>PRODUCT HEIGHT</b>	140 mm
<b>PRODUCT WIDTH</b>	316 mm
<b>PRODUCT WEIGHT</b>	8.612 kg
<b>COMPLIANCES</b>	RoHS conform



Powering Business Worldwide

**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

**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

## SYSTEM OVERVIEW

[eaton-control-panels-terminals-xeffect-k-type-terminal-explosion-drawing-002.eps](#)

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

<b>NUMBER OF CONNECTIONS (LESS THAN 6 MM SQUARED)</b>	0
<b>NUMBER OF CONNECTIONS (LESS THAN AWG 6)</b>	0
<b>NUMBER OF CONNECTIONS (GREATER THAN 25 MM SQUARED)</b>	10
<b>NUMBER OF CONNECTIONS (GREATER THAN 250 KCMIL)</b>	0
<b>NUMBER OF CONNECTIONS (10 MM SQUARED)</b>	0
<b>NUMBER OF CONNECTIONS (16 MM SQUARED)</b>	0
<b>NUMBER OF CONNECTIONS (25 MM SQUARED)</b>	0
<b>NUMBER OF CONNECTIONS (250 KCMIL)</b>	0
<b>NUMBER OF CONNECTIONS (AWG 2)</b>	0
<b>NUMBER OF CONNECTIONS (AWG 4)</b>	0
<b>NUMBER OF CONNECTIONS (AWG 4/0)</b>	0
<b>NUMBER OF CONNECTIONS (AWG 6)</b>	0
<b>NUMBER OF CONNECTIONS (TOTAL)</b>	10
<b>RATED INSULATION VOLTAGE (UI)</b>	1000 VAC
<b>NUMBER OF OUTPUTS</b>	2
<b>TERMINAL CAPACITY (ALUMINUM CABLE)</b>	95 mm <sup>2</sup> - 185 mm <sup>2</sup> (2x) 150 mm <sup>2</sup> - 240 mm <sup>2</sup> (1x)
<b>TERMINAL CAPACITY (CONDUCTOR)</b>	40 mm x 15 mm
<b>TERMINAL CAPACITY (COPPER/ALUMINUM CABLE)</b>	50 mm <sup>2</sup> - 240 mm <sup>2</sup> (2x) 150 mm <sup>2</sup> - 300 mm <sup>2</sup> (1x)
<b>CONDUCTOR CROSS SECTION, INPUT - MAX</b>	300 mm <sup>2</sup>
<b>CONDUCTOR CROSS SECTION, OUTPUT - MIN</b>	70 mm <sup>2</sup>
<b>CONDUCTOR CROSS SECTION, INPUT - MIN</b>	70 mm <sup>2</sup>
<b>CONDUCTOR CROSS</b>	0 mm <sup>2</sup>

