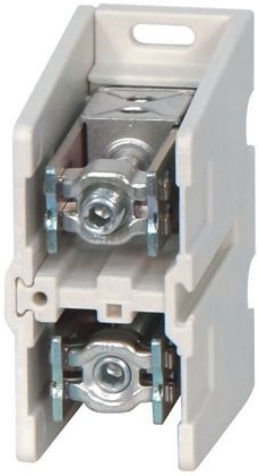
# Specifications



## Eaton 017082

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 400A, 1p, round/round

| General specifications | |
|---|---|
| **PRODUCT NAME** | Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure |
| **CATALOG NUMBER** | 017082 |
| **MODEL CODE** | K240/1/BR |
| **EAN** | 4015080170822 |
| **PRODUCT LENGTH/DEPTH** | 100 mm |
| **PRODUCT HEIGHT** | 115 mm |
| **PRODUCT WIDTH** | 52 mm |
| **PRODUCT WEIGHT** | 1.047 kg |
| **COMPLIANCES** | RoHS conform |

## Additional information

| | |
|---|---|
| **FEATURES** | Contact safe |
| **SPECIAL FEATURES** | • Conversion kits for strip terminal in cable connection available separately<br>• Terminal covers available separately<br>• Including labels for terminal marking U, V, W - X, Y, Z - L1, L2, L3 - T1, T2, T3 - PE, N, PEN, protective earth (ground) symbol<br>• Relationship of rated operational current →terminal capacity to IEC/EN 60439, VDE 0660 Part 500 or EN 50021<br>• Outer terminal for round or sectoral conductor, other side for Cu strip |
| **SUITABLE FOR** | Fine strand conductors<br>Useful for stranded conductors |
| **USED WITH** | Accessory panel building<br>General switchboard accessory |

## Delivery program

| | |
|---|---|
| **ACCESSORY/SPARE PART TYPE** | Terminals, 160 – 1000 A<br>Terminations |
| **NOMINAL CURRENT** | 400 A |
| **NUMBER OF POLES** | Single-pole |
| **TYPE** | • Accessory panel building<br>• General switchboard accessory |

## Technical data - electrical

| | |
|---|---|
| **RATED INSULATION VOLTAGE (UI)** | 1000 VAC |
| **RATED OPERATION CURRENT (IE)** | 400 A |

## Technical data - mechanical

| | |
|---|---|
| **CONDUCTOR CROSS SECTION, INPUT - MAX** | 120 mm² |
| **CONDUCTOR CROSS SECTION, INPUT - MIN** | 25 mm² |
| **CONDUCTOR CROSS SECTION, INPUT AWG - MAX** | 4 mm² |
| **CONDUCTOR CROSS SECTION, INPUT AWG - MIN** | 4 mm² |
| **CONDUCTOR CROSS SECTION, OUTPUT - MAX** | 120 mm² |
| **CONDUCTOR CROSS SECTION, OUTPUT - MIN** | 25 mm² |
| **CONDUCTOR CROSS SECTION, OUTPUT AWG - MAX** | 4 mm² |
| **CONDUCTOR CROSS SECTION, OUTPUT AWG - MIN** | 4 mm² |
| **MOUNTING METHOD** | Screw |
| **NUMBER OF CONNECTIONS (LESS THAN 6 MM SQUARED)** | 0 |
| **NUMBER OF CONNECTIONS (LESS** | 0 |

| | |
|---|---|
| **THAN AWG 6)** | |
| **NUMBER OF CONNECTIONS (GREATER THAN 25 MM SQUARED)** | 2 |
| **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)** | 2 |
| **NUMBER OF INPUTS** | 2 |
| **NUMBER OF OUTPUTS** | 2 |
| **TERMINAL CAPACITY (ALUMINUM CABLE)** | 95 mm² - 185 mm² (1x)<br>50 mm² - 95 mm² (2x) |
| **TERMINAL CAPACITY (COPPER/ALUMINUM CABLE)** | 50 mm² - 240 mm² (1x)<br>25 mm² - 120 mm² (2x) |
| **CONNECTION TYPE** | Clamp<br>Screwing |

## Resources

| | |
|---|---|
| **CATALOGUES** | eaton-panel-building-accessories-catalog-ca008008en-en-us.pdf |
| **DECLARATIONS OF CONFORMITY** | eaton-xeffect-k-type-terminals-declaration-of-conformity-en-us.pdf<br><br>eaton-enclosures-declaration-of-conformity-eu250263en.pdf |
| **DRAWINGS** | eaton-control-panels-xeffect-k-type-terminal-3d-drawing.eps |
| **INSTALLATION INSTRUCTIONS** | eaton-connection-terminal-k240-il015111zu.pdf<br><br>IL015110ZU |
| **MCAD MODEL** | eaton-K240_1_BR-3d-model.stp |
| **SYSTEM OVERVIEW** | eaton-control-panels-terminals-xeffect-k-type-terminal-explosion-drawing-002.eps |

| | |
|---|---|
| **PROJECT NAME:** | |
| **PROJECT NUMBER:** | |
| **PREPARED BY:** | |
| **DATE:** | |

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