

XEFFECT K-TYPE TERMINALS

093831



Overview

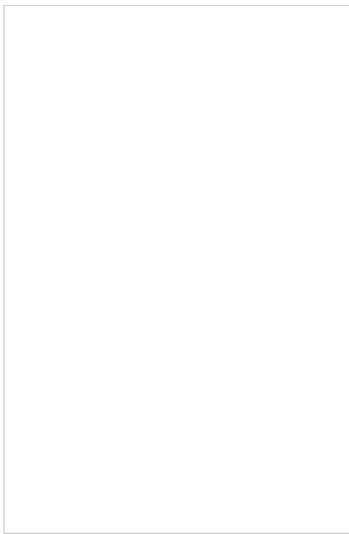


Specifications



Resources

How to



093831

Eaton xEffect K-Type Terminal Enclosures Switch-
Connection terminal, 630A, 1p, flat/round

[Access the online catalog](#)

GENERAL SPECIFICATIONS

General specifications >

PRODUCT NAME Eaton xEffect K-Type Terminal Enclosures Switch-Enclosure

Product specifications >

CATALOG NUMBER 093831

MODEL CODE K2X240/1

EAN 4015080938316

PRODUCT LENGTH/DEPTH 125 mm

PRODUCT HEIGHT 140 mm

PRODUCT WIDTH 240 mm

PRODUCT WEIGHT 1.909 kg

COMPLIANCES RoHS conform

PRODUCT SPECIFICATIONS

NOMINAL CURRENT	630 A
NUMBER OF CONNECTIONS (250 KCMIL)	0
CONDUCTOR CROSS SECTION, INPUT - MAX	240 mm ²
ACCESSORY/SPARE PART TYPE	Terminations Terminals, 160 – 1000 A
TERMINAL CAPACITY (COPPER BAND)	16 mm x 0.8 mm (10x) for flat strip 21 mm x 1 mm (11x) for flat strip
CONDUCTOR CROSS SECTION, OUTPUT - MAX	300 mm ²
NUMBER OF CONNECTIONS (AWG 2)	0
CONDUCTOR CROSS SECTION, INPUT AWG - MAX	500 mm ²
SUITABLE FOR	Useful for stranded conductors
NUMBER OF CONNECTIONS (AWG 4)	0
MOUNTING METHOD	Screw
NUMBER OF CONNECTIONS (AWG 6)	0
CONDUCTOR CROSS SECTION, OUTPUT - MIN	70 mm ²
CONDUCTOR CROSS SECTION, OUTPUT AWG - MIN	0 mm ²
CONNECTION TYPE	Clamp Screwing
NUMBER OF CONNECTIONS (AWG 4/0)	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 mm ²
NUMBER OF CONNECTIONS (GREATER THAN 25 MM SQUARED)	2
NUMBER OF CONNECTIONS (LESS THAN 6 MM SQUARED)	0
CONDUCTOR CROSS SECTION, OUTPUT AWG - MAX	0 mm ²
SPECIAL FEATURES	<ul style="list-style-type: none"> • Conversion kits for strip terminal in cable connection available separately • Terminal covers available separately • Including labels for terminal marking U, V, W - T1, T2, T3 - PE, N, PEN, protective earth (ground) • Relationship of rated operational current → terminal capacity according to IEC/EN 60439, VDE 0660 Part 500 or EN 50022 • Outer terminal for round or sectoral conductor, optional
RATED OPERATION CURRENT (IE)	630 A

NUMBER OF INPUTS	1
NUMBER OF CONNECTIONS (LESS THAN AWG 6)	0
FEATURES	Contact safe
NUMBER OF CONNECTIONS (GREATER THAN 250 KCMIL)	0
NUMBER OF CONNECTIONS (TOTAL)	2
TERMINAL CAPACITY (ALUMINUM CABLE)	95 mm ² - 185 mm ² (2x) 150 mm ² - 240 mm ² (1x)
NUMBER OF POLES	Single-pole
TYPE	<ul style="list-style-type: none"> • Accessory panel building • General switchboard accessory
NUMBER OF OUTPUTS	2
USED WITH	Accessory panel building General switchboard accessory
TERMINAL CAPACITY (COPPER/ALUMINUM CABLE)	150 mm ² - 300 mm ² (1x) 50 mm ² - 240 mm ² (2x)
TERMINAL CAPACITY (CONDUCTOR)	40 mm x 15 mm
CONDUCTOR CROSS SECTION, INPUT AWG - MIN	0 mm ²
RATED INSULATION VOLTAGE (UI)	1000 VAC

Catalogs

Certification reports

Declarations of conformity

Drawings

Installation instructions

System overview



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.