



Eaton 014709

Eaton xEffect K-Type Terminal Enclosures
Switch- & Controlgear Enclosure. Connection
terminal, 250A, 1p, round/round

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PRODUCT NAME	Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure
CATALOG NUMBER	014709
PRODUCT LENGTH/DEPTH	105 mm
PRODUCT HEIGHT	115 mm
PRODUCT WIDTH	37 mm
PRODUCT WEIGHT	0.712 kg
COMPLIANCES	RoHS conform

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	Terminations Terminals, 160 – 1000 A
CONNECTION TYPE	Clamp Screwing
NUMBER OF POLES	Single-pole
RATED OPERATION CURRENT (IE)	250 A
MOUNTING METHOD	Screw
SUITABLE FOR	Useful for stranded conductors
NOMINAL CURRENT	250 A
NUMBER OF CONNECTIONS (LESS THAN 6 MM SQUARED)	0
NUMBER OF	0

SYSTEM OVERVIEW	eaton-control-panels-terminals-xeffect-k-type-terminal-explosion-drawing-002.eps
□□□□□	eaton-connection-terminal-k150-il015115zu.pdf
□□	eaton-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps eaton-control-panels-xeffect-k-type-terminal-3d-drawing.eps

CONNECTIONS (LESS 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
RATED INSULATION VOLTAGE (UI)	1000 VAC
NUMBER OF OUTPUTS	2
TERMINAL CAPACITY (ALUMINUM CABLE)	35 mm ² - 50 mm ² (2x) 50 mm ² - 120 mm ² (1x)
TERMINAL CAPACITY (COPPER/ALUMINUM CABLE)	16 mm ² - 70 mm ² (2x) 35 mm ² - 150 mm ² (1x)
CONDUCTOR CROSS SECTION, INPUT - MAX	150 mm ²
CONDUCTOR CROSS SECTION, OUTPUT - MIN	16 mm ²
CONDUCTOR CROSS SECTION, INPUT - MIN	16 mm ²
CONDUCTOR CROSS SECTION, INPUT AWG - MIN	6 mm ²
CONDUCTOR CROSS SECTION, INPUT AWG - MAX	300 mm ²
CONDUCTOR CROSS	150 mm ²

SECTION, OUTPUT - MAX	
CONDUCTOR CROSS SECTION, OUTPUT AWG - MAX	300 mm²
CONDUCTOR CROSS SECTION, OUTPUT AWG - MIN	6 mm²
NUMBER OF INPUTS	2

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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