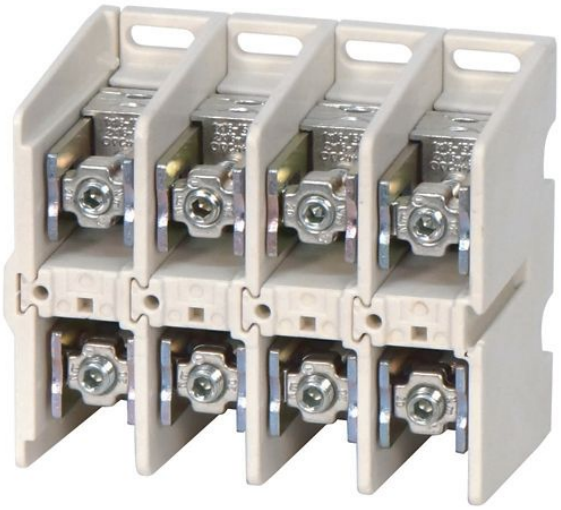
Specifications



Eaton 034509

Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure. Connection terminal, 250A, 4p, flat/round

General specifications	
PRODUCT NAME	Eaton xEffect K-Type Terminal Enclosures Switch- & Controlgear Enclosure
CATALOG NUMBER	034509
MODEL CODE	K150/4
EAN	4015080345091
PRODUCT LENGTH/DEPTH	100 mm
PRODUCT HEIGHT	115 mm
PRODUCT WIDTH	130 mm
PRODUCT WEIGHT	2.35 kg
COMPLIANCES	RoHS conform

Additional information

FEATURES	Contact safe
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
SUITABLE FOR	Useful for stranded conductors
USED WITH	Accessory panel building General switchboard accessory

Delivery program

ACCESSORY/SPARE PART TYPE	Terminals, 160 – 1000 A Terminations
NOMINAL CURRENT	250 A
NUMBER OF POLES	Four-pole
TYPE	• Accessory panel building • General switchboard accessory

Technical data - electrical

RATED INSULATION VOLTAGE (UI)	1000 VAC
RATED OPERATION CURRENT (IE)	250 A

Technical data - mechanical

CONDUCTOR CROSS SECTION, INPUT - MAX	150 mm²
CONDUCTOR CROSS SECTION, INPUT - MIN	16 mm²
CONDUCTOR CROSS SECTION, INPUT AWG - MAX	300 mm²
CONDUCTOR CROSS SECTION, INPUT AWG - MIN	6 mm²
CONDUCTOR CROSS SECTION, OUTPUT - MAX	150 mm²
CONDUCTOR CROSS SECTION, OUTPUT - MIN	16 mm²
CONDUCTOR CROSS SECTION, OUTPUT AWG - MAX	0 mm²
CONDUCTOR CROSS SECTION, OUTPUT AWG - MIN	0 mm²
MOUNTING METHOD	Screw
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)	8
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)	8
NUMBER OF INPUTS	1
NUMBER OF OUTPUTS	2
TERMINAL CAPACITY (ALUMINUM CABLE)	35 mm² - 50 mm² (2x) 50 mm² - 120 mm² (1x)
TERMINAL CAPACITY (CONDUCTOR)	18 mm x 4 mm
TERMINAL CAPACITY (COPPER BAND)	1 segment of 16 mm x 0.8 mm (4x) - 2 segments of 16 mm x 0.8 mm (6x) for flat strip
TERMINAL CAPACITY (COPPER/ALUMINUM CABLE)	35 mm² - 150 mm² (1x) 16 mm² - 70 mm² (2x)
CONNECTION TYPE	Clamp 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 eaton-enclosures-declaration-of-conformity-eu250263en.pdf
DRAWINGS	eaton-insulated-boards-terminals-xeffect-k-type-terminal-dimensions-002.eps eaton-distribution-boards-terminals-xeffect-k-type-terminal-3d-drawing-002.eps eaton-control-panels-terminals-xeffect-k-type-terminal-3d-drawing.eps
INSTALLATION INSTRUCTIONS	IL015110ZU eaton-connection-terminal-k150-il015115zu.pdf
MCAD MODEL	eaton-K150_4-3d-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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