

Specifications



Eaton 102716

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 4 poles, 160A, 1 input-, 11 output terminals, ALU

General specifications

PRODUCT NAME	Eaton xEnergy Basic other accessory
CATALOG NUMBER	102716
MODEL CODE	BPZ-KB-11/160
EAN	4015081025763
PRODUCT LENGTH/DEPTH	50.2 mm
PRODUCT HEIGHT	90 mm
PRODUCT WIDTH	160.4 mm
PRODUCT WEIGHT	0.706 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC 60 947 -7 -1

Additional information

COMPARATIVE TRACKING INDEX (CTI)	PA66 = 600 V PC = 300 V
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FLAME CLASSIFICATION (UL 94)	V-2 (PC) V-0 (PA66)
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FUNCTIONS	Additional equipment
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SPECIAL FEATURES

- Clicks on DIN-rail or on base plate.
- Save time on wiring.
- Save 80% on space used.
- Modular construction, 1-4 pole Systems can be built with several blocks.
- Material, hexagon socket set screw: Steel
- Zinc plated (Hexagon socket set screw, Surface finish)

USED WITH	Four-pole terminal blocks
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Design verification to IEC/EN 61439 - technical data

HEAT DEFLECTION TEMPERATURE	PA66 ≥ 140 °C PC ≥ 120 °C
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Delivery programme

AMPERAGE RATING	160 A
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NUMBER OF POLES	Four-pole
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Technical data - electrical

RATED OPERATION CURRENT (IE) CU (IEC)	175 A
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RATED PEAK WITHSTAND CURRENT	20 kA
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RATED SHORT-TIME WITHSTAND CURRENT (ICW)	6.2 kA
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VOLTAGE RATING AT AC CU (IEC) - MAX	1000 VAC
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VOLTAGE RATING AT DC CU (IEC) - MAX	1500 VDC
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Technical data - mechanical

CLAMP MATERIAL	Plain Brass
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MAX	50 mm ²
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN	2.5 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	50 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN	2.5 mm ²
COVER/DOOR COLOR	Clear (housing body)
HOUSING COLOR	Light gray (RAL 7035)
HOUSING MATERIAL	PC PA66
MOUNTING METHOD	Surface mounting Flush mounting Floor standing distribution board
MOUNTING POSITION	Universal
NUMBER OF CLAMP POSITIONS PER POLE	12
NUMBER OF CLAMPING UNITS PER POLE	12
	2.5 mm ² - 16 mm ² (outgoing) 6 mm ² - 25 mm ² (outgoing)
TERMINAL CAPACITY (SINGLE/MULTI-WIRE)	6 mm ² - 16 mm ² (outgoing, fine wire (with sleeve)) 14 - 4 AWG (outgoing) 8 - 2/0 AWG (incoming) 10 - 4 AWG (outgoing) 10 mm ² - 25 mm ² (incoming, fine wire (with sleeve)) 14 - 6 AWG (outgoing, fine wire (with sleeve)) 14 - 8 AWG (outgoing, fine wire (with sleeve)) 8 - 4 AWG (incoming, fine wire (with sleeve)) 10 mm ² - 35 mm ² (incoming) 2.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve))

Resources

BROCHURES	eaton-xenergy-basic-light-brochure-br014024-en-us.pdf
CATALOGUES	eaton-distribution-boards-xenergy-basic-catalog-ca014010en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-accessories-declaration-of-conformity-eu250225en.pdf
DRAWINGS	eaton-xenergy-basic-terminal-block-dimensions-004.eps
FLYERS	eaton-xenergy-basic-profisnap-flyer-fl019008en-en-us.pdf
SALES NOTES	eaton-f3a-flange-flyer-fl019005en-en-us.pdf

DEGREE OF PROTECTION	IP20
TORQUE RATING	3.5 Nm - 5 Nm / 31 lbf - 44 lbf (incoming). 3.5 Nm - 5 Nm / 31 lbf - 44 lbf (outgoing)

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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