

Specifications



Eaton 102715

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1 pole, 175A, 10 output terminals

General specifications

PRODUCT NAME	Eaton xEnergy Basic other accessory
CATALOG NUMBER	102715
MODEL CODE	BPZ-KB-10/175
EAN	4015081025756
PRODUCT LENGTH/DEPTH	43 mm
PRODUCT HEIGHT	71 mm
PRODUCT WIDTH	45 mm
PRODUCT WEIGHT	0.23 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC 60 947 -7 -1 UL 1059



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Additional information

COMPARATIVE TRACKING INDEX (CTI) 600 V

FLAME CLASSIFICATION (UL 94) V-0

FUNCTIONS Additional equipment

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)

Design verification to IEC/EN 61439 - technical data

HEAT DEFLECTION TEMPERATURE 100 °C

Delivery programme

AMPERAGE RATING 175 A

NUMBER OF POLES Single-pole

Technical data - electrical

RATED OPERATION CURRENT (IE) CU (CSA) 175 A

RATED OPERATION CURRENT (IE) CU (IEC) 175 A

RATED OPERATION CURRENT (IE) CU (UL) 175 A

RATED PEAK WITHSTAND CURRENT 30 kA

RATED SHORT-TIME WITHSTAND CURRENT (ICW) 11 kA

VOLTAGE RATING AT AC CU (CSA) - MAX 600 VAC

VOLTAGE RATING AT AC CU (IEC) - MAX 1000 VAC

VOLTAGE RATING AT AC CU (UL) - MAX 600 VAC

VOLTAGE RATING AT DC CU (IEC) - MAX 1500 VDC

Technical data - mechanical

CLAMP MATERIAL	Plain Brass
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MAX	70 mm ²
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN	2.5 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	70 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN	2.5 mm ²
HOUSING COLOR	Light gray (RAL 7035)
HOUSING MATERIAL	PA66
MOUNTING METHOD	Flush mounting Floor standing distribution board Surface mounting
MOUNTING POSITION	Universal
NUMBER OF CLAMP POSITIONS PER POLE	11
NUMBER OF CLAMPING UNITS PER POLE	11
TERMINAL CAPACITY (SINGLE/MULTI-WIRE)	2.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve)) 6 - 2/0 AWG (incoming) 14 - 6 AWG (outgoing) 14 - 8 AWG (outgoing, fine wire (with sleeve)) 2.5 mm ² - 16 mm ² (outgoing) 16 mm ² - 70 mm ² (incoming) 6 - 1 AWG (incoming, fine wire (with sleeve)) 16 mm ² - 50 mm ² (incoming, fine wire (with sleeve))
DEGREE OF PROTECTION	IP20
TORQUE RATING	6 Nm - 10 Nm / 53.1 lbf - 88.5 lbf (incoming). 3 Nm - 4 Nm / 26.5 lbf - 35.4 lbf (outgoing)

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-dimensions-mas-bpz-kb-10-175.eps
FLYERS	eaton-xenergy-basic-profisnap-flyer-fl019008en-en-us.pdf
SALES NOTES	eaton-f3a-flange-flyer-fl019005en-en-us.pdf

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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