

Specifications



Eaton 102713

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1 pole, 400A, 11 output terminals

General specifications

PRODUCT NAME	Eaton xEnergy Basic other accessory
CATALOG NUMBER	102713
MODEL CODE	BPZ-KB-11/400
EAN	4015081025732
PRODUCT LENGTH/DEPTH	49 mm
PRODUCT HEIGHT	95.4 mm
PRODUCT WIDTH	44.5 mm
PRODUCT WEIGHT	0.5 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	UL 1059 IEC 60 947 -7 -1



Powering Business Worldwide

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 400 A

NUMBER OF POLES Single-pole

Technical data - electrical

RATED OPERATION CURRENT (IE) CU (CSA) 310 A

RATED OPERATION CURRENT (IE) CU (IEC) 400 A

RATED OPERATION CURRENT (IE) CU (UL) 310 A

RATED PEAK WITHSTAND CURRENT 51 kA

RATED SHORT-TIME WITHSTAND CURRENT (ICW) 21 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	185 mm ²
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN	1.5 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	185 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN	1.5 mm ²
HOUSING COLOR	Light gray (RAL 7035)
HOUSING MATERIAL	PA66
MOUNTING METHOD	Surface mounting Floor standing distribution board Flush mounting
MOUNTING POSITION	Universal
NUMBER OF CLAMP POSITIONS PER POLE	12
NUMBER OF CLAMPING UNITS PER POLE	12
TERMINAL CAPACITY (SINGLE/MULTI-WIRE)	2.5 mm ² - 10 mm ² (outgoing) 14 - 2 AWG (outgoing) 95 mm ² - 150 mm ² (incoming, fine wire (with sleeve)) 2.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve)) 14 - 6 AWG (outgoing, fine wire (with sleeve)) 3/0 - 350 MCM AWG (incoming) 2.5 mm ² - 35 mm ² (outgoing) 14 - 4 AWG (outgoing, fine wire (with sleeve)) 2.5 mm ² - 16 mm ² (outgoing, fine wire (with sleeve)) 3/0 - 5/0 AWG (incoming, fine wire (with sleeve)) 95 mm ² - 185 mm ² (incoming) 14 - 8 AWG (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-007.eps
FLYERS	eaton-xenergy-basic-profisnap-flyer-fl019008en-en-us.pdf
SALES NOTES	eaton-f3a-flange-flyer-fl019005en-en-us.pdf

	2.5 mm ² - 16 mm ² (outgoing) 14 - 8 AWG (outgoing) 14 - 6 AWG (outgoing) 2.5 mm ² - 25 mm ² (outgoing, fine wire (with sleeve))
DEGREE OF PROTECTION	IP10
TORQUE RATING	25 Nm / 221.2 lbf (incoming). 2 Nm - 7 Nm / 17 lbf - 62 lbf (outgoing)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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