

Specifications



Eaton 289967

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1 pole, 250A, 11 output terminals

General specifications

PRODUCT NAME	Eaton xEnergy Basic other accessory
CATALOG NUMBER	289967
MODEL CODE	BPZ-KB-11/250
EAN	4015082899677
PRODUCT LENGTH/DEPTH	49 mm
PRODUCT HEIGHT	95.4 mm
PRODUCT WIDTH	44.5 mm
PRODUCT WEIGHT	0.477 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC 60 947 -7 -1 UL 1059

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)

USED WITH Single-pole terminal blocks

Design verification to IEC/EN 61439 - technical data

HEAT DEFLECTION TEMPERATURE 100 °C

Delivery programme

AMPERAGE RATING 250 A

NUMBER OF POLES Single-pole

Technical data - electrical

RATED OPERATION CURRENT (IE) CU (CSA) 230 A

RATED OPERATION CURRENT (IE) CU (IEC) 250 A

RATED OPERATION CURRENT (IE) CU (UL) 230 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	Brass Plain
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MAX	95 mm ²
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN	2.5 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	120 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN	2.5 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, fine wire (with sleeve)) 2 - 3/0 AWG (incoming, fine wire (with sleeve)) 35 mm ² - 95 mm ² (incoming, fine wire (with sleeve)) 14 - 4 AWG (outgoing, fine wire (with sleeve)) 2.5 mm ² - 16 mm ² (outgoing, fine wire (with sleeve)) 14 - 2 AWG (outgoing) 16 - 6 AWG (outgoing) 2.5 mm ² - 16 mm ² (outgoing) 2.5 mm ² - 35 mm ² (outgoing) 35 mm ² - 120 mm ² (incoming) 16 - 8 AWG (outgoing) 16 - 8 AWG (outgoing, fine wire (with sleeve)) 2 - 4/0 AWG (incoming) 2.5 mm ² - 10 mm ²

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-005.eps
FLYERS	eaton-xenergy-basic-profisnap-flyer-fl019008en-en-us.pdf
SALES NOTES	eaton-f3a-flange-flyer-fl019005en-en-us.pdf

	(outgoing) 16 - 6 AWG (outgoing, fine wire (with sleeve)) 2.5 mm ² - 25 mm ² (outgoing, fine wire (with sleeve))
DEGREE OF PROTECTION	IP10
TORQUE RATING	19 Nm - 21 Nm / 168.1 lbf - 185.8 lbf (incoming), 2 Nm - 7 Nm / 17.7 lbf - 62 lbf (outgoing)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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