

Specifications



Eaton 178398

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1-pole, 125A, 8 output terminals

General specifications

PRODUCT NAME	Eaton xEnergy Basic other accessory
CATALOG NUMBER	178398
MODEL CODE	BPZ-KB-2/8/125
EAN	4015081737017
PRODUCT LENGTH/DEPTH	51.2 mm
PRODUCT HEIGHT	91 mm
PRODUCT WIDTH	27 mm
PRODUCT WEIGHT	0.137 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC 60 947 -7 -1

Additional information

COMPARATIVE TRACKING INDEX (CTI)	600 V
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FLAME CLASSIFICATION (UL 94)	V-0
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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)

Design verification to IEC/EN 61439 - technical data

HEAT DEFLECTION TEMPERATURE	100 °C
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Delivery programme

AMPERAGE RATING	125 A
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NUMBER OF POLES	Single-pole
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Technical data - electrical

RATED OPERATION CURRENT (IE) CU (IEC)	125 A
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RATED PEAK WITHSTAND CURRENT	25 kA
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RATED SHORT-TIME WITHSTAND CURRENT (ICW)	4.2 kA
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VOLTAGE RATING AT AC CU (IEC) - MAX	690 VAC
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VOLTAGE RATING AT DC CU (IEC) - MAX	1000 VDC
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Technical data - mechanical

CLAMP MATERIAL	Plain Brass
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MAX	25 mm ²
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN	1.5 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	35 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN	1.5 mm ²
HOUSING COLOR	Light gray (RAL 7035)
HOUSING MATERIAL	PA66
MOUNTING METHOD	Floor standing distribution board Flush mounting Surface mounting
MOUNTING POSITION	Universal
NUMBER OF CLAMP POSITIONS PER POLE	10
NUMBER OF CLAMPING UNITS PER POLE	10
TERMINAL CAPACITY (SINGLE/MULTI-WIRE)	1.5 mm ² - 16 mm ² (incoming, fine wire (with sleeve)) 10 mm ² - 35 mm ² (incoming) 1.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve)) 6 mm ² - 25 mm ² (incoming, fine wire (with sleeve)) 1.5 mm ² - 16 mm ² (outgoing) 2.5 mm ² - 25 mm ² (incoming)
DEGREE OF PROTECTION	IP20
TORQUE RATING	2 Nm / 8 Nm (incoming), 2 Nm (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-xenergy-basic-terminal-block-dimensions-014.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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