

Specifications



Eaton 102718

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 4 poles, 125A, 9 positions

General specifications

PRODUCT NAME	Eaton xEnergy Basic other accessory
CATALOG NUMBER	102718
MODEL CODE	BPZ-KB-9/125
EAN	4015081025787
PRODUCT LENGTH/DEPTH	48 mm
PRODUCT HEIGHT	93 mm
PRODUCT WIDTH	88.5 mm
PRODUCT WEIGHT	0.31 kg
COMPLIANCES	RoHS conform
CERTIFICATIONS	IEC 60 947 -7 -1



Powering Business Worldwide

Additional information

COMPARATIVE TRACKING INDEX (CTI)	PA66 = 600 V PC = 300 V
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FLAME CLASSIFICATION (UL 94)	V-0 (PA66) V-2 (PC)
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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	PA66 ≥ 140 °C PC ≥ 120 °C
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Delivery programme

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

RATED OPERATION CURRENT (IE) CU (IEC)	125 A
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RATED PEAK WITHSTAND CURRENT	29 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	1500 VDC
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Technical data - mechanical

CLAMP MATERIAL	Plain Brass
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MAX	35 mm ²
CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN	2.5 mm ²
CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	35 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	PA66 PC
MOUNTING METHOD	Floor standing distribution board Flush mounting Surface mounting
MOUNTING POSITION	Universal
NUMBER OF CLAMP POSITIONS PER POLE	9
NUMBER OF CLAMPING UNITS PER POLE	10
TERMINAL CAPACITY (SINGLE/MULTI-WIRE)	6 mm ² - 35 mm ² (incoming) 1.5 mm ² - 10 mm ² (outgoing, fine wire (with sleeve)) 1.5 mm ² - 16 mm ² (outgoing) 6 mm ² - 25 mm ² (incoming, fine wire (with sleeve))
DEGREE OF PROTECTION	IP20
TORQUE RATING	1.5 Nm

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-026.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:



Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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