

Specifications



Eaton 289968

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

General specifications

PRODUCT NAME	Eaton xEnergy Basic other accessory
CATALOG NUMBER	289968
MODEL CODE	BPZ-KB-8/125
EAN	4015082899684
PRODUCT LENGTH/DEPTH	49 mm
PRODUCT HEIGHT	74.5 mm
PRODUCT WIDTH	98 mm
PRODUCT WEIGHT	0.32 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 (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)

USED WITH	Four-pole terminal blocks
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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	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	24 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	690 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	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
COVER/DOOR COLOR	Blue (Housing body)
HOUSING COLOR	Light gray (RAL 7035)
HOUSING MATERIAL	PC PA66
MOUNTING METHOD	Surface mounting Flush mounting Floor standing distribution board
MOUNTING POSITION	Universal
NUMBER OF CLAMP POSITIONS PER POLE	18
NUMBER OF CLAMPING UNITS PER POLE	9
TERMINAL CAPACITY (SINGLE/MULTI-WIRE)	6 mm ² - 35 mm ² (incoming) 1.5 mm ² - 10 mm ² (N outgoing) 4 mm ² - 16 mm ² (L1-L3 outgoing) 4 mm ² - 16 mm ² (outgoing)
	1.5 mm ² - 6 mm ² (L1-L3 outgoing) 4 mm ² - 16 mm ² (outgoing, fine wire (with sleeve) N) 1.5 mm ² - 6 mm ² (outgoing, fine wire (with sleeve) L1 - L3) 6 mm ² - 25 mm ² (incoming, fine wire (with sleeve)) 4 mm ² - 16 mm ² (N outgoing) 1.5 mm ² - 6 mm ² (outgoing) 4 mm ² - 10 mm ² (outgoing, fine wire (with sleeve) N)

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-025.eps
FLYERS	eaton-xenergy-basic-profisnap-flyer-fl019008en-en-us.pdf
SALES NOTES	eaton-f3a-flange-flyer-fl019005en-en-us.pdf

	4 mm ² - 10 mm ² (outgoing, fine wire (with sleeve) L1 - L3)
DEGREE OF PROTECTION	IP20
TORQUE RATING	1.5 Nm (incoming). 0.8 Nm / 1.5 Nm (outgoing)

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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