



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
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
MODEL CODE	BPZ-KB-8/125

Delivery program

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

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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RATED PEAK WITHSTAND CURRENT	24 kA
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RATED OPERATION CURRENT (IE) CU (IEC)	125 A
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RATED SHORT-TIME WITHSTAND CURRENT (ICW)	4.2 kA
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Technical data - mechanical

MOUNTING METHOD	Surface mounting Flush mounting Floor standing distribution board
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MOUNTING POSITION	Universal
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NUMBER OF CLAMP POSITIONS PER POLE	18
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NUMBER OF CLAMPING UNITS PER POLE	9
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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)	
4 mm ² - 10 mm ² (outgoing, fine wire (with sleeve) L1 - L3)	

CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MIN	1.5 mm ²
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CONDUCTOR CROSS SECTION (FLEXIBLE, FINE-STRAND) WITH CABLE END SLEEVE - MAX	35 mm ²
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CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MIN	1.5 mm ²
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CONDUCTOR CROSS SECTION (SOLID, SOLID-STRAND) - MAX	35 mm ²
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CLAMP MATERIAL	Plain
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Design verification as per IEC/EN 61439 - technical data

HEAT DEFLECTION TEMPERATURE	100 °C
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	Brass
TORQUE RATING	1.5 Nm (incoming). 0.8 Nm / 1.5 Nm (outgoing)
COVER/DOOR COLOR	Blue (Housing body)
HOUSING COLOR	Light gray (RAL 7035)
HOUSING MATERIAL	PC PA66

Additional information

COMPARATIVE TRACKING INDEX (CTI)	600 V
FLAME CLASSIFICATION (UL 94)	V-0 (PA66) V-2 (PC)
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	Four-pole terminal blocks
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PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATA:

Resurse

DESENE

[eaton-xenergy-basic-terminal-block-dimensions-025.eps](#)



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