

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
GLOBAL CATALOG	289968



Powering Business Worldwide

Product specifications

USED WITH	Four-pole terminal blocks
SPECIAL FEATURES	<ul style="list-style-type: none"> • 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)
FUNCTIONS	Additional equipment
TORQUE RATING	1.5 Nm (incoming). 0.8 Nm / 1.5 Nm (outgoing)
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
AMPERAGE RATING	125 A
RATED SHORT-TIME WITHSTAND CURRENT (ICW)	4.2 kA
COVER/DOOR COLOR	Blue (Housing body)
VOLTAGE RATING AT DC CU (IEC) - MAX	690 VDC
NUMBER OF POLES	Four-pole
DEGREE OF PROTECTION	IP20
MOUNTING POSITION	Universal
CLAMP MATERIAL	Plain Brass
COMPARATIVE TRACKING INDEX (CTI)	600 V

Resources

BROCHURES	eaton-xenergy-basic-light-brochure-br014024-en-us.pdf
CATALOGS	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

HOUSING MATERIAL	PC PA66
HOUSING COLOR	Light gray (RAL 7035)
MOUNTING METHOD	Surface mounting Flush mounting Floor standing distribution board
FLAME CLASSIFICATION (UL 94)	V-0 (PA66) V-2 (PC)
HEAT DEFLECTION TEMPERATURE	100 °C
NUMBER OF CLAMP POSITIONS PER POLE	18
NUMBER OF CLAMPING UNITS PER POLE	9
RATED PEAK WITHSTAND CURRENT	24 kA
VOLTAGE RATING AT AC CU (IEC) - MAX	690 VAC
RATED OPERATION CURRENT (IE) CU (IEC)	125 A
TERMINAL CAPACITY (SINGLE/MULTI-WIRE)	<p>6 mm² - 35 mm² (incoming) 1.5 mm² - 10 mm² (N outgoing) 4 mm² - 16 mm² (L1-L3 outgoing) 4 mm² - 16 mm² (outgoing)</p> <p>1.5 mm² - 6 mm² (L1-L3 outgoing) 4 mm² - 16 mm² (outgoing, fine wire (with sleeve) N) 1.5 mm² - 6 mm² (outgoing, fine wire (with sleeve) L1 - L3) 6 mm² - 25 mm² (incoming, fine wire (with sleeve)) 4 mm² - 16 mm² (N outgoing) 1.5 mm² - 6 mm² (outgoing) 4 mm² - 10 mm² (outgoing, fine wire (with sleeve) N) 4 mm² - 10 mm² (outgoing, fine wire (with sleeve) L1 - L3)</p>

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

Follow us on social media to get the latest product and support information.



© 2025 Eaton. All Rights Reserved.