Specifications

Eaton 289968

Catalog Number: 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

Powering Business Worldwide

Product specifications

Used with

Four-pole terminal blocks

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)

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 mm²

Conductor cross section (flexible, fine-strand) with cable end sleeve - min

1.5 mm²

Conductor cross section (solid, solid-strand) - max

35 mm²

Conductor cross section (solid, solid-strand) - min

1.5 mm²

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

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

DA-DC-03_BPZ-KB

Drawings

eaton-xenergy-basic-terminal-block-dimensions-025.eps

Sales notes

eaton-f3a-flange-flyer-fl019005en-en-us.pdf

Degree of protection

IP20

Mounting position

Universal

Clamp material

Plain

Brass

Comparative tracking index (CTI)

600 V

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)

6 mm² - 35 mm² (incoming)

1.5 mm² - 10 mm² (N outgoing)

4 mm² - 16 mm² (L1-L3 outgoing)

4 mm² - 16 mm² (outgoing)

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)

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