Specifications

Eaton 102713



Catalog Number: 102713

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1 pole, 400A, 11 output terminals

General specifications

Product Name
Eaton xEnergy Basic other accessory

Catalog Number
102713

EAN
4015081025732

Product Length/Depth
49 mm

Product Height
95.4 mm

Product Width
44.5 mm

Product Weight
0.5 kg

Compliances
RoHS conform

Certifications
UL 1059
IEC 60 947 -7 -1

Powering Business Worldwide

Product specifications

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

25 Nm / 221.2 lbf (incoming). 2 Nm - 7 Nm / 17 lbf - 62 lbf (outgoing)

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

185 mm²

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

1.5 mm²

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

185 mm²

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

1.5 mm²

Amperage rating

400 A

Rated short-time withstand current (Icw)

21 kA

Voltage rating at DC Cu (IEC) - max

1500 VDC

Number of poles

Single-pole

Degree of protection

IP10

Mounting position

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-007.eps

Sales notes

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

Universal

Clamp material

Plain

Brass

Comparative tracking index (CTI)

600 V

Housing material

PA66

Housing color

Light gray (RAL 7035)

Mounting method

Surface mounting

Floor standing distribution board

Flush mounting

Flame classification (UL 94)

V-0

Heat deflection temperature

100 °C

Number of clamp positions per pole

12

Number of clamping units per pole

12

Rated peak withstand current

51 kA

Voltage rating at AC Cu (CSA) - max

600 VAC

Voltage rating at AC Cu (IEC) - max

1000 VAC

Voltage rating at AC Cu (UL) - max

600 VAC

Rated operation current (Ie) Cu (CSA)

310 A

Rated operation current (Ie) Cu (IEC)

400 A

Rated operation current (Ie) Cu (UL)

310 A

Terminal capacity (single/multi-wire)

2.5 mm² - 10 mm² (outgoing)

14 - 2 AWG (outgoing)

95 mm² - 150 mm² (incoming, fine wire (with sleeve))

2.5 mm² - 10 mm² (outgoing, fine wire (with sleeve))

14 - 6 AWG (outgoing, fine wire (with sleeve))

3/0 - 350 MCM AWG (incoming)

2.5 mm² -35 mm² (outgoing)

14 - 4 AWG (outgoing, fine wire (with sleeve))

2.5 mm² - 16 mm² (outgoing, fine wire (with sleeve))

3/0 - 5/0 AWG (incoming, fine wire (with sleeve))

95 mm² - 185 mm² (incoming)

14 - 8 AWG (outgoing, fine wire (with sleeve))

2.5 mm² - 16 mm² (outgoing)

14 - 8 AWG (outgoing)

14 - 6 AWG (outgoing)

2.5 mm² - 25 mm² (outgoing, fine wire (with sleeve))

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

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