Specifications

Eaton 102716

Catalog Number: 102716

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 4 poles, 160A, 1 input-, 11 output terminals, ALU



General specifications

Product Name
Eaton xEnergy Basic other accessory

Catalog Number
102716

EAN
4015081025763

Product Length/Depth
50.2 mm

Product Height
86 mm

Product Width
160.4 mm

Product Weight
0.706 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

3.5 Nm - 5 Nm / 31 lbf - 44 lbf (incoming). 3.5 Nm - 5 Nm / 31 lbf - 44 lbf (outgoing)

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

50 mm²

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

2.5 mm²

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

50 mm²

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

2.5 mm²

Amperage rating

160 A

Rated short-time withstand current (Icw)

6.2 kA

Cover/door color

Clear (housing body)

Voltage rating at DC Cu (IEC) - max

1500 VDC

Number of poles

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-004.eps

Sales notes

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

Four-pole

Degree of protection

IP20

Mounting position

Universal

Clamp material

Plain

Brass

Comparative tracking index (CTI)

PA66 = 600 V

PC = 300 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-2 (PC)

V-0 (PA66)

Heat deflection temperature

PA66 ≥ 140 °C

PC ≥ 120 °C

Number of clamp positions per pole

12

Number of clamping units per pole

12

Rated peak withstand current

20 kA

Voltage rating at AC Cu (IEC) - max

1000 VAC

Rated operation current (Ie) Cu (IEC)

175 A

Terminal capacity (single/multi-wire)

2.5 mm² - 16 mm² (outgoing)

6 mm² - 25 mm² (outgoing)

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

14 - 4 AWG (outgoing)

8 - 2/0 AWG (incoming)

10 - 4 AWG (outgoing)

10 mm² - 25 mm² (incoming, fine wire (with sleeve))

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

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

8 - 4 AWG (incoming, fine wire (with sleeve))

10 mm² - 35 mm² (incoming)

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

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