

Eaton 102711

Catalog Number: 102711

Eaton xEnergy Basic LV systems Low voltage switchgear. Terminal block, 1 pole, 800A, 2 output terminals

General specifications



Product Name	Catalog Number
Eaton xEnergy Basic LV systems Low voltage switchgear	102711
	EAN
	4015081025718
Product Length/Depth	Product Height
80.5 mm	145 mm
Product Width	Product Weight
72 mm	0.546 kg
Compliances	Certifications
RoHS conform	IEC 60 947 -7 -1

Product specifications

Special features

Al-sector conductors tested
up to 70mm²

Sector shaped Al-
conductors 95mm² -

240mm² have to be pre-
rounded with a crimping-
tool.

Clicks on base plate.

Save time on wiring.

Save 80% on space used.

Modular construction, 1-4
pole Systems can be built
with several blocks.

This power distribution block
is suitable for ALU and CU
conductors.

Please pay attention to the
common handling guidelines
when connecting the
aluminium conductors.

Clean and brush the contact
surfaces and lubricate them
with an appropriate grease.

As precaution the
connections should get
retightened regularly.

Zinc plated steel (Hexagon
socket set screw, Surface
finish)

Functions

Additional equipment

Torque rating

15 N/m

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

185 mm²

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

25 mm²

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

240 mm²

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-011.eps](#)

Sales notes

[eaton-f3a-flange-flyer-fl019005en-en-us.pdf](#)

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

25 mm²

Amperage rating

800 A

Voltage rating at DC Cu (IEC) - max

1500 VDC

Number of poles

Single-pole

Degree of protection

IP10

Mounting position

Universal

Clamp material

Plated

Aluminum

Comparative tracking index (CTI)

600 V

Housing material

PA66

Housing color

Light gray (RAL 7035)

Mounting method

Floor standing distribution board

Flush mounting

Surface mounting

Flame classification (UL 94)

V-0

Heat deflection temperature

125 °C

Number of clamp positions per pole

4

Number of clamping units per pole

4

Voltage rating at AC Al (IEC) - max

1000 VAC

Voltage rating at AC Cu (IEC) - max

1000 VAC

Voltage rating at DC AI (IEC) - max

1500 VDC

Rated operation current (Ie) AI (IEC)

630 A

Rated operation current (Ie) Cu (IEC)

800 A

Terminal capacity (single/multi-wire)

4 - 500 MCM AWG (incoming, fine wire (with sleeve))

25 mm² - 185 mm² (incoming, fine wire (with sleeve))

25 mm² - 240 mm² (incoming)

25 mm² - 185 mm² (outgoing, fine wire (with sleeve))

4 - 600 MCM AWG (incoming)

25 mm² - 240 mm² (outgoing)



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