Specifications

Eaton 289016



Catalog Number: 289016

Eaton xEffect Accessories LV systems Accessories and replacement parts for LV switchgear. Safety socket, 250A, 500V/250A, 690V/200A, NH1 size

General specifications

Product Name
Eaton xEffect Accessories fuse device NH fuse base

Catalog Number
289016

EAN
4015082890162

Product Length/Depth
107 mm

Product Height
254 mm

Product Width
196 mm

Product Weight
1.6 kg

Compliances
RoHS conform

Certifications
VDE 0636-201
IEC/EN 60 269-2-1

Powering Business Worldwide

Product specifications

Used with

NH fuse base

Fuse bases

Type

Fuse bases

NH fuse base

Amperage Rating

250 A

Number of Poles

Three-pole

Swivelling mechanism

No

Construction size fuse insert

NH1

Pollution degree

3

Climatic proofing

Damp heat, cyclic, to IEC 60068-2-30

Damp heat, constant, to IEC 60068-2-78

Screw diameter for flange connection

M10

Admissible heat dissipation (NH-SE) - max

23 W

Fuse current rating at 500 V - max

250 A

Heat dissipation at ith AC without NH-SE

12.9 W

Operating altitude without derating - max

2000 m

Rated insulation voltage (Ui)

750 VAC

Rated current (gl/gG) - max

250 A

Ambient operating temperature details

-20 °C - 55 °C

Resources

Catalogs

eaton-panel-building-accessories-catalog-ca008008en-en-us.pdf

eaton-xeffect-cs-enclosure-catalog-fk4300-1178gb-en-us.pdf

Drawings

eaton-mcb-fuse-xeffect-accessories-fuse-base-dimensions.eps

eaton-fuses-xeffect-accessories-fuse-base-3d-drawing.eps

Voltage rating at AC

690 V AC

Voltage rating at DC

440 V DC

Fuse current rating at 690 V - max

200 A

Heat dissipation at Ith DC without NH-SE

8.6 W

Bus-mounting type

No

Degree of protection

IP00

Direction of incoming supply

As required

Construction size

NH1

Mounting position

Vertical or horizontal

Functions

NH fuse base

Overvoltage category

III

Frequency rating of contacts

40 Hz - 60 Hz

Mounting method

Screw-on

Rated operation current (Ie)

250 A

Connection type

Connector M10

Terminal capacity (cable)

16 mm x 0.8 mm (6x) at box terminal

Terminal capacity (copper busbar)

Max. 30 mm x 10 mm for flat busbar at flange connection

Terminal capacity (flange connection) - max

25 mm² - 150 mm² (1x) for cable lugs

Terminal capacity (stranded cable)

25 mm² - 150 mm² (1x) at box terminal

70 mm² - 150 mm² at clamp-type terminal

70 mm² - 95 mm² (2x) at double clamp-type terminal

Tightening torque

30 Nm - 35 Nm

4.5 Nm

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