Specifications

Eaton 289018



Catalog Number: 289018

Eaton xEffect Accessories LV systems Accessories and replacement parts for LV switchgear. NH fuse base, 630A, 630A/500V, 500A/690V, NH3

General specifications

Product Name
Eaton xEffect Accessories fuse device NH fuse base

Catalog Number
289018

EAN
4015082890186

Product Length/Depth
133 mm

Product Height
272 mm

Product Width
254 mm

Product Weight
3.035 kg

Compliances
RoHS conform

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

Powering Business Worldwide

Product specifications

Used with

Fuse bases

NH fuse base

Type

Fuse bases

NH fuse base

Amperage Rating

630 A

Connection type

Connector M10

Number of Poles

Three-pole

Voltage rating at AC

Contacts: 690 V AC

Voltage rating at DC

440 V DC

Rated current (gl/gG) - max

630 A

Pollution degree

3

Climatic proofing

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

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

Screw diameter for flange connection

M10

Admissible heat dissipation (NH-SE) - max

48 W

Ambient operating temperature - max

55 °C

Ambient operating temperature - min

-25 °C

Heat dissipation at ith AC without NH-SE

52 W

Operating altitude without derating - max

2000 mm

Resources

Catalogs

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

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

Drawings

eaton-mcb-fuse-xeffect-accessories-fuse-base-dimensions-003.eps

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

Rated insulation voltage (Ui)

750 VAC

Bus-mounting type

No

Direction of incoming supply

As required

Construction size

NH3

Mounting position

Vertical or horizontal

Overvoltage category

III

Frequency rating of contacts

40 Hz - 60 Hz

Mounting method

Screw

Degree of protection

IP00

Rated operation current (Ie)

630 A

Fuse current rating at 690 V - max

500 A

Heat dissipation at Ith DC without NH-SE

34.7 W

Terminal capacity (cable)

21 mm x 1 mm (11x) at box terminal

Terminal capacity (copper busbar)

Max. 40 mm x 10 mm for flat busbar at flange connection

Terminal capacity (flange connection) - max

25 mm^2 - 300 mm^2 (1x) for cable lugs

Terminal capacity (stranded cable)

120 mm^2 - 300 mm^2 at clamp-type terminal

120 mm^2 - 240 mm^2 (2x) at double clamp-type terminal

25 mm^2 - 300 mm^2 at box terminal

Tightening torque

30 Nm - 35 Nm

11 Nm



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