

Eaton 132699

Catalog Number: 132699

Eaton Moeller series xEffect - FAZ-NA, FAZ-RT MCB. FAZ-NA, 2-pole, tripping characteristic: B, rated current In: 6 A, Switchgear for export to North America (UL-listed)



Photo is representative

General specifications

Product Name	Catalog Number
Eaton Moeller series xEffect - FAZ-NA, FAZ-RT MCB	132699
	Model Code
	FAZ-B6/2-NA
EAN	Product Length/Depth
4015081296484	105 mm
Product Height	Product Width
75.5 mm	35.4 mm
Product Weight	Compliances
0.24 kg	RoHS conform

Certifications

North America (UL listed, CSA certified)

UL (Category Control Number DIVQ)

Specially designed for North America, suitable as BCPD

CSA-C22.2 No. 5-09

IEC/EN 60947-2

IEC 60947-2

UL 489

CE marking

CSA (Class No. 1432-01)

UL 489, CSA C22.2 No. 5

CSA (File No. 204453)

UL (File No. E235139)

EN45545-2

IEC 61373

defaultTaxonomyAttributeLabel

Type

FAZ-NA
Miniature circuit breaker

Special features

Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity

Application

Feeder circuits, branch circuits
Switchgear for export to North America (UL-listed)

Amperage Rating

6 A

Voltage rating

277 V AC / 480 V AC

Features

Additional equipment possible

Frame

45 mm

Pollution degree

2

Used with

Miniature circuit breaker
FAZ-NA

Mounting Method

Top-hat rail IEC/EN 60715

Degree of protection

IP20
IP20 (IEC)
UL/CSA Type: -
IP40 (when fitted)

Equipment heat dissipation, current-dependent

3.5 W

Rated impulse withstand voltage (Uimp)

4 kV

Breaking capacity

Resources

Brochures

[eaton-pdd-railrolling-stock-brochure-br011002en-en-us.pdf](#)

Catalogs

[eaton-xeffect-faz-na-rt-mcb-catalog-ca003032en-en-us.pdf](#)

Certification reports

[DA-DC-03_FAZ-NA](#)

[DA-DC-03_FAZ-B-C-D](#)

Characteristic curve

[eaton-xeffect-faz-na,-mcb-characteristic-curve.jpg](#)

[eaton-xeffect-faz-na,-mcb-dimensions-005.jpg](#)

[eaton-xeffect-faz-na,-mcb-characteristic-curve-002.jpg](#)

Drawings

[eaton-xeffect-faz-na,-mcb-dimensions.jpg](#)

[eaton-mcb-xeffect-faz-na,-3d-drawing-003.eps](#)

eCAD model

[ETN.FAZ-B6_2-NA](#)

Installation instructions

[IL019133ZU](#)

mCAD model

[faz_na_2p.dwg](#)

[faz_na_2p.stp](#)

Wiring diagrams

[eaton-mcb-xeffect-faz-na,-wiring-diagram-003.eps](#)

[eaton-xpole-mm4-6-m-mcb-wiring-diagram-003.jpg](#)

10 kA (UL489)

Terminal protection

Finger and hand touch safe, DGUV VS3, EN 50274

Terminals (top and bottom)

Twin-purpose terminals

Tripping characteristic

B

Ambient operating temperature - max

75 °C

Ambient operating temperature - min

-25 °C

Built-in depth

70.5 mm

Connectable conductor cross section (multi-wired) - max

25 mm²

Connectable conductor cross section (multi-wired) - min

1 mm²

Connectable conductor cross section (solid-core) - max

25 mm²

Connectable conductor cross section (solid-core) - min

1 mm²

Current limiting class

3

Enclosure width

105 mm

Frequency rating - max

60 Hz

Frequency rating - min

50 Hz

Heat dissipation capacity

0 W

Heat dissipation per pole, current-dependent

0 W

Direction of incoming supply

As required

Width in number of modular spacings

2

Voltage rating (IEC/EN 60947-2)

440 V

Voltage rating (UL)

480Y/277 V

Voltage rating at DC

60 V DC

Voltage type

AC

Mounting position

As required

Overvoltage category

III

Number of poles

Two-pole

Functions

Current limiting circuit breaker

Lifespan, electrical

20000 operations

Release characteristic

B

Mounting width

17.7 mm

Selectivity class

3

Mounting width per pole

17.7 mm

Number of poles (protected)

2

Number of poles (total)

2

Rated insulation voltage (Ui)

440 V

Rated operational current for specified heat dissipation (In)

6 A

Rated operational voltage (Ue) - max

415 V

Rated short-circuit breaking capacity (EN 60898) at 230 V

0 kA

Rated short-circuit breaking capacity (EN 60898) at 400 V

0 kA

Rated short-circuit breaking capacity (IEC 60947-2) at 230 V

15 kA

Rated short-circuit breaking capacity (IEC 60947-2) at 400 V

15 kA

Rated switching capacity (IEC/EN 60947-2)

15 kA

Static heat dissipation, non-current-dependent

0 W

Tightening torque

UL: 2.4 Nm (21 lb-in) for AWG 18 - AWG 12

UL: 2.8 Nm (25 lb-in) for AWG 10 - AWG 8

Max. 2.4 Nm

UL: 4 Nm (36 lb-in) for AWG 6

Power loss

3.6 W



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

© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are property of their respective owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)