

Eaton 132729

Catalog Number: 132729

Eaton Moeller series xEffect - FAZ-NA, FAZ-RT MCB. FAZ-NA, 3-pole, tripping characteristic: B, rated current In: 35 A, Switchgear for export to North America (UL-listed)



General specifications

Product Name	Catalog Number
Eaton Moeller series xEffect - FAZ-NA, FAZ-RT MCB	132729
	Model Code
	FAZ-B35/3-NA
EAN	Product Length/Depth
4015081296781	105 mm
Product Height	Product Width
75.5 mm	53.1 mm
Product Weight	Compliances
0.382 kg	RoHS conform

Certifications

CSA (File No. 204453)
CE marking
UL (File No. E235139)
IEC/EN 60947-2
Specially designed for North America, suitable as BCPD
IEC 60947-2
UL (Category Control Number DIVQ)
UL 489
North America (UL listed, CSA certified)
CSA-C22.2 No. 5-09
CSA (Class No. 1432-01)
UL 489, CSA C22.2 No. 5
EN45545-2
IEC 61373

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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

35 A

Voltage rating

240 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
UL/CSA Type: -
IP20 (IEC)
IP40 (when fitted)

Equipment heat dissipation, current-dependent

12.1 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-characteristic-curve-002.jpg](#)

[eaton-xeffect-faz-na,-mcb-dimensions-003.jpg](#)

Drawings

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

[eaton-mcb-xeffect-faz-na,-3d-drawing-002.eps](#)

eCAD model

[DA-CE-ETN.FAZ-B35_3-NA](#)

Installation instructions

[IL019133ZU](#)

mCAD model

[DA-CD-faz_na_3p](#)

[DA-CS-faz_na_3p](#)

Wiring diagrams

[eaton-mcb-xeffect-faz-na,-wiring-diagram-002.eps](#)

[eaton-xpole-mm4-6-m-mcb-wiring-diagram-005.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

3

Voltage rating (IEC/EN 60947-2)

440 V

Voltage rating (UL)

240 V

Voltage rating at DC

60 V DC

Voltage type

AC

Mounting position

As required

Overvoltage category

III

Number of poles

Three-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)

3

Number of poles (total)

3

Rated insulation voltage (Ui)

440 V

Rated operational current for specified heat dissipation (In)

35 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: 4 Nm (36 lb-in) for AWG 6

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

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

Max. 2.4 Nm

Power loss

5.7 W



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