Product specifications

Eaton 239150

Catalog Number: 239150

FAZ6-C25/3. Miniature circuit breaker (MCB), 25 A, 3p, characteristic: C, 6 kA



Photo is representative

General specifications

Product Name	Catalog Number
Eaton Moeller series xEffect - FAZ6 MCB	239150
Model Code	**EAN**
FAZ6-C25/3	4015082391508
Product Length/Depth	**Product Height**
85 mm	73 mm
Product Width	**Product Weight**
53.1 mm	0.36 kg

Compliances

RoHS conform

Powering Business Worldwide

defaultTaxonomyAttributeLabel

Amperage Rating

25 A

Features

Additional equipment possible

10.10 Temperature rise

The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.

10.11 Short-circuit rating

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.12 Electromagnetic compatibility

Is the panel builder's responsibility. The specifications for the switchgear must be observed.

10.13 Mechanical function

The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects

Meets the product standard's requirements.

10.2.4 Resistance to ultra-violet (UV) radiation

Meets the product standard's requirements.

10.2.5 Lifting

Does not apply, since the entire switchgear needs to be evaluated.

10.2.6 Mechanical impact

Does not apply, since the entire switchgear needs to be evaluated.

10.2.7 Inscriptions

Meets the product standard's requirements.

10.3 Degree of protection of assemblies

Resources

Application notes

eaton-maximum-cable-lengths-for-eatons-protective-devices-brochure-br034006en-en-us.pdf

Catalogs

eaton-xeffect-industrial-switchgear-range-catalog-ca003002en-en-us.pdf

eaton-xeffect-faz-mcb-catalog-ca003028en-en-us.pdf

Certification reports

DA-DC-03_FAZ6

Characteristic curve

eaton-xeffect-faz6-mcb-characteristic-curve-002.jpg

eaton-xeffect-faz6-mcb-characteristic-curve.jpg

Drawings

eaton-xeffect-faz-mcb-dimensions-003.jpg

eaton-xeffect-faz6-mcb-3d-drawing-002.jpg

eaton-xeffect-faz6-mcb-3d-drawing-005.jpg

Installation instructions

IL019140ZU

PEP Eco-passport

EATO-00047-V01.01-EN

Wiring diagrams

eaton-xpole-mmc4-6-m-mcb-wiring-diagram-005.jpg

Does not apply, since the entire switchgear needs to be evaluated.

10.4 Clearances and creepage distances

Meets the product standard's requirements.

10.5 Protection against electric shock

Does not apply, since the entire switchgear needs to be evaluated.

10.6 Incorporation of switching devices and components

Does not apply, since the entire switchgear needs to be evaluated.

10.7 Internal electrical circuits and connections

Is the panel builder's responsibility.

10.8 Connections for external conductors

Is the panel builder's responsibility.

10.9.2 Power-frequency electric strength

Is the panel builder's responsibility.

10.9.3 Impulse withstand voltage

Is the panel builder's responsibility.

10.9.4 Testing of enclosures made of insulating material

Is the panel builder's responsibility.

Pollution degree

2

Degree of protection

IP20

Equipment heat dissipation, current-dependent

6.4 W

Rated impulse withstand voltage (Uimp)

4 kV

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

Frequency rating - max

60 Hz

Frequency rating - min

50 Hz

Voltage rating (IEC/EN 60898-1)

415 V

Width in number of modular spacings

3

Voltage rating (IEC/EN 60947-2)

400

Voltage type

AC

Overvoltage category

III

Release characteristic

C

Number of poles (protected)

3

Number of poles (total)

3

Operational voltage (IEC/EN 60947-2) - max

400 V

Operational voltage at DC (EC/EN 60947-2) - max

60 V

Rated insulation voltage (Ui)

440 V

Rated operational current for specified heat dissipation (In)

25 A

Rated operational voltage (Ue) - max

230 V

Rated service short-circuit breaking capacity (IEC/EN 60898-1)

6 kA

Rated service short-circuit breaking capacity (IEC/EN 60947-2)

10 kA

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

6 kA

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

6 kA

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

10 kA

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

10 kA

Rated switching capacity (IEC/EN 60947-2)

7.5 kA

Power loss

8.8 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