

# Eaton 1318550

Catalog Number: 1318550

Eaton Moeller® series QSA Fuse switch-disconnector, 3P + N (solid), rear mounting, 100 A, NH000/NH00

### General specifications



Product Name	Catalog Number
--------------	----------------

Eaton Moeller® series QSA Fuse switch-disconnector	1318550
--	---------

EAN

8711426414266

Product Length/Depth	Product Height
----------------------	----------------

156 mm	116 mm
--------	--------

Product Width	Product Weight
---------------	----------------

155 mm	2 kg
--------	------

### Certifications

IEC/EN 60947

IEC/EN 60204

RoHS

CE

VDE 0660

IEC/EN 60947-3



Powering Business Worldwide

## Product specifications

### Features

Version as main switch

#### 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

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

## Resources

### Catalogs

[Eaton-industrial-switch-disconnectors-catalogue-ca008011en-en-gb.pdf](#)

[Product Range Catalog Industrial switch-disconnectors](#)

### Declarations of conformity

[DA-DC-00004874.pdf](#)

[DA-DC-00004907.pdf](#)

### Drawings

[eaton-rotary-switches-qa-fuse-switch-disconnector-dimensions-002.eps](#)

[eaton-rotary-switches-qa-fuse-switch-disconnector-drawing-002.eps](#)

[eaton-rotary-switches-qa-fuse-switch-disconnector-3d-drawing-002.eps](#)

[eaton-general-mounting-p1-main-switch-symbol-002.eps](#)

### eCAD model

[DA-CE-ETN.QSA100N1-00\\_1](#)

### Installation instructions

[IL008011ZU](#)

### Wiring diagrams

[eaton-rotary-switches-on-off-switch-p3-main-switch-wiring-diagram.eps](#)

[eaton-rotary-switches-t0-on-off-switch-wiring-diagram-068.eps](#)

#### 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.

Fitted with:

Connectors

Pollution degree

3

Rated operational power at AC-23A, 400 V, 50 Hz

55 kW

Rated permanent current (Iu)

100 A

Rated uninterrupted current (Iu)

100 A

Static heat dissipation, non-current-dependent Pvs

0 W

Accessories

Auxiliary contact fitted by user.

Product category

Fuse-switch-disconnector

Main switch

Conditioned rated short-circuit current Iq

50 kA

Number of poles

Four-pole

Rated operation power at AC-23, 400 V

55 kW

Rated impulse withstand voltage (Uimp)

6000 V

Degree of protection

IP20, with terminal cover

IP00

Rated short-time withstand current (Icw)

0 kA

Electrical connection type of main circuit

Bolt connection

Actuator position

Front side

Actuator type

Without actuator

Ambient operating temperature - max

55 °C

Ambient operating temperature - min

-25 °C

Ambient storage temperature - max

80 °C

Ambient storage temperature - min

-30 °C

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdis

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Number of auxiliary contacts (normally closed contacts)

0

Construction size

NH000, NH00

Mounting position

As required

#### Suitable for

Ground mounting

DIN fuse-links (blade contacts type)

#### Functions

Optional Stop Function

#### Overvoltage category

III

#### Suitable for fuses

NH00

#### Cable entry type

Top/bottom

#### Mounting method

Rear mounting

#### Degree of protection (front side)

IP00

#### Number of auxiliary contacts (normally open contacts)

0

#### Operating temperature - max

55 °C

#### Operating temperature - min

-25 °C

#### Rated insulation voltage (Ui)

690 V

#### Rated operating voltage (Ue) at AC - max

690 V

#### Rated operational current for specified heat dissipation (In)

100 A

#### Uninterrupted current

Rated uninterrupted current  $I_u$  is specified for max. cross-section.



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)