Specifications

# Eaton 1318552

## Catalog Number: 1318552

Eaton Moeller® series QSA Fuse switch-disconnector, 3P + N (solid), rear mounting, 160 A, NH000/NH00



### General specifications

**Product Name**
Eaton Moeller® series QSA Fuse switch-disconnector

**Catalog Number**
1318552

**EAN**
8711426744424

**Product Length/Depth**
242 mm

**Product Height**
205 mm

**Product Width**
167 mm

**Product Weight**
2 kg

**Certifications**
IEC/EN 60947
CE
RoHS
VDE 0660
IEC/EN 60947-3
IEC/EN 60204

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## 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-qsa-fuse-switch-disconnector-dimensions-003.eps

eaton-rotary-switches-qsa-fuse-switch-disconnector-drawing-002.eps

eaton-rotary-switches-qsa-fuse-switch-disconnector-3d-drawing-002.eps

eaton-general-mounting-p1-main-switch-symbol-002.eps

### eCAD model

DA-CE-ETN.QSA160N1-00_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

90 kW

### Rated permanent current (Iu)

160 A

### Rated uninterrupted current (Iu)

160 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

90 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 Pdiss

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)

160 A

Uninterrupted current

Rated uninterrupted current Iu is specified for max. cross-section.




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

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