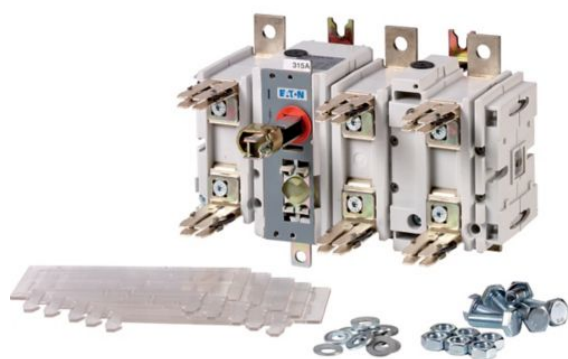


# Eaton 1318548

Catalog Number: 1318548

Eaton QSA Fuse switch-disconnector, 3 pole, rear mounting, 315 A, NH1/NH2

## General specifications



### Product Name

Eaton QSA Fuse switch-disconnector

### Catalog Number

1318548

### EAN

8711426142268

### Product Length/Depth

338 mm

### Product Height

235 mm

### Product Width

183 mm

### Product Weight

5.31 kg

### Certifications

RoHS

IEC/EN 60947

IEC/EN 60947-3

CE

VDE 0660

IEC/EN 60204

## 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-qla-fuse-switch-disconnector-dimensions-012.eps](#)

[eaton-rotary-switches-qla-fuse-switch-disconnector-3d-drawing-003.eps](#)

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

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

[eaton-rotary-switches-drawing-1150swi-502.eps](#)

### eCAD model

[DA-CE-ETN.QSA315N-2\\_3](#)

### Installation instructions

[IL008012ZU](#)

### 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

184 kW

#### Rated permanent current (Iu)

315 A

#### Rated uninterrupted current (Iu)

315 A

#### Static heat dissipation, non-current-dependent Pvs

0 W

#### Accessories

Auxiliary contact or neutral conductor fitted by user.

#### Product category

Fuse-switch-disconnector

Main switch

#### Conditioned rated short-circuit current Iq

50 kA

Number of poles

Three-pole

Rated operation power at AC-23, 400 V

184 kW

Rated impulse withstand voltage (Uimp)

6000 V

Degree of protection

IP00

IP20, with terminal cover

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

18 W

Number of auxiliary contacts (normally closed contacts)

0

Construction size

NH1, NH2

Mounting position

As required

#### Suitable for

Ground mounting

DIN fuse-links (blade contacts type)

#### Functions

Optional Stop Function

#### Overvoltage category

III

#### Suitable for fuses

NH1, NH2

#### 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)

315 A

#### Uninterrupted current

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



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