

# Eaton 1319859

Catalog Number: 1319859

Eaton QM Neutral conductor, 4.p, QM 80/3, 100/3



General specifications

Product Name	Catalog Number
Eaton QM Accessory Neutral conductor	1319859
EAN	Product Length/Depth
8711426350489	160 mm
Product Height	Product Width
20 mm	100 mm
Product Weight	Compliances
0.04 kg	CE

## Product specifications

### Type

Direct neutral conductor

### 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

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

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

### eCAD model

[DA-CE-ETN.QMNEUTRAL80\\_1004P](#)

### Installation instructions

[IL008038ZU](#)

#### 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.

#### Ambient operating temperature - max

50 °C

#### Ambient operating temperature - min

-25 °C

#### Equipment heat dissipation, current-dependent P<sub>vid</sub>

0 W

#### Heat dissipation capacity P<sub>diss</sub>

0 W

#### Heat dissipation per pole, current-dependent P<sub>vid</sub>

8 W

#### Rated operational current for specified heat dissipation (I<sub>n</sub>)

100 A

#### Static heat dissipation, non-current-dependent P<sub>vs</sub>

0 W

#### Mounting method

Side mounting



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