

# Eaton 046299

Catalog Number: 046299

Eaton Moeller® series RMQ16 Surface mounting enclosure, 8 mounting locations

### General specifications



#### Product Name

Eaton Moeller® series RMQ16  
Accessory Surface mounting enclosure

#### Catalog Number

046299  
[EAN](#)  
4015080462996

#### Product Length/Depth

100 mm

#### Product Height

75 mm

#### Product Width

153 mm

#### Product Weight

0.335 kg

#### Certifications

UL Category Control No.: NKCR  
UL  
CSA Class No.: 3211-03  
UL File No.: E29184  
CSA  
CSA-C22.2 No. 14-05  
UL 508  
CE  
IEC/EN 60947-5  
CSA File No.: 46552

## Product specifications

### 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

Please enquire

### 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.

### 10.4 Clearances and creepage distances

Meets the product standard's requirements.

## Resources

### Catalogs

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

### Declarations of conformity

[DA-DC-00004158.pdf](#)

[DA-DC-00004136.pdf](#)

### Drawings

[eaton-operating-surface-mounting-rmq16-accessory-dimensions.eps](#)

[eaton-operating-button-symbol-007.eps](#)

### Installation instructions

[IL04716016Z](#)

### mCAD model

[DA-CS-gehaeuse](#)

[DA-CD-gehaeuse](#)

#### 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:

Molded cover fixing screws

#### Connection to SmartWire-DT

No

#### Enclosure material

Plastic

#### Enclosure type

Surface mounting housing

#### Ambient operating temperature - max

60 °C

#### Ambient operating temperature - min

-25 °C

#### Number of command positions

8

#### Number of locations

8

#### Enclosure color

Gray

#### Material quality

Other

#### Opening diameter

16 mm

Static heat dissipation, non-current-dependent Pvs

0 W

Degree of protection

NEMA 1

IP65

Functions

For conventional wiring

Knockouts

4 x M20 (cable entry knockouts at the bottom)

7 x M20 (cable entry knockouts at the side)



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