Specifications

# Eaton 040380

## Catalog Number: 040380

Eaton Moeller® series RMQ16 Illuminated selector switch actuator, maintained, 45°, 25 × 25 mm, 2 positions, With thumb-grip, green, with VS anti-rotation tab, with filament bulb, 24 V



## General specifications

**Product Name**
Eaton Moeller® series RMQ16 Illuminated selector switch actuator

**Catalog Number**
040380

**EAN**
4015080403807

**Product Length/Depth**
75 mm

**Product Height**
25 mm

**Product Width**
25 mm

**Product Weight**
0.017 kg

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

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## Product specifications

### Type

Illuminated selector switch actuator

### Actuator color

Black

### Actuator function

Switching function latching

Maintained

### 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.

## 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-00004136.pdf

DA-DC-00004158.pdf

### Drawings

eaton-operating-switch-rmq16-dimensions.eps

eaton-operating-button-symbol-004.eps

### eCAD model

ETN.040380.edz

### Installation instructions

IL04716016Z

### mCAD model

DA-CS-wahl_25

leuchtwahl_25.stp

DA-CD-wahl_25

### 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.

### 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:

Filament bulb (24 V)
VS anti-rotation tab

### Operating frequency

1800 Operations/h

### Pollution degree

3

### Climatic proofing

Damp heat, constant, to IEC 60068-2-78
Damp heat, cyclic, to IEC 60068-2-30

### Connection to SmartWire-DT

No

### Actuator type

Toggle

### Ambient operating temperature - max

60 °C

Ambient operating temperature - min

-25 °C

Ambient operating temperature (enclosed) - max

40 °C

Ambient operating temperature (enclosed) - min

25 °C

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Opening diameter

16 mm

Opening height

0 mm

Operating torque

0.2 Nm

Rated insulation voltage (Ui)

250 V

Rated operational current for specified heat dissipation (In)

0 A

Rated operational voltage (Ue) at AC - max

24 V

Static heat dissipation, non-current-dependent Pvs

1 W

Switching angle

45 °

Width opening

0 mm

Rated impulse withstand voltage (Uimp)

800 V AC

Bezel color

Black

Shock resistance

Mechanical, According to IEC/EN 60068-2-27

40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

### Bezel material

Plastic

### Terminal capacity

0.5 - 1.0 mm²

### Design

With thumb-grip

### Mounting position

As required

### Terminal size

2.8 x 0.8 mm to DIN 46244, Blade terminal
2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors

### Overvoltage category

III

### Control circuit reliability

1 failure per 10,000,000 switching operations (Statistically determined, at 24 V DC/5 mA)
1 failure per 5,000,000 switching operations (statistically determined, at 5 V DC/1 mA)

### Degree of protection

NEMA 1

### Degree of protection (front side)

IP65

### Indicator color

Green

### Lens type

Square

### Lifespan, mechanical

3,000,000 Operations

### Number of switch positions

2

### Size

Front dimensions: 25 × 25 mm

### Product category

RMQ16

### Suitable for

Illumination




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