

# Eaton 072352

Catalog Number: 072352

Eaton Moeller® series RMQ16 Illuminated selector switch actuator, maintained/momentary, 45° 45°, 25 × 25 mm, 3 positions, With thumb-grip, White, with VS anti-rotation tab, with filament bulb, 24 V Q25LWK3R1-WS/WB



### General specifications

Product Name	Catalog Number
Eaton Moeller® series RMQ16 Illuminated selector switch actuator	072352
	EAN 4015080723523
Product Length/Depth	Product Height
75 mm	25 mm
Product Width	Product Weight
25 mm	0.017 kg

### Certifications

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

## Product specifications

### Type

Illuminated selector switch actuator

### Actuator color

Black

### Actuator function

Spring-return

Maintained/momentary

Switching function latching

### 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

## 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-013.eps](#)

### eCAD model

[ETN.072352.edz](#)

### Installation instructions

[IL04716016Z](#)

### mCAD model

[leuchtwahl\\_25.stp](#)

[DA-CD-wahl\\_25](#)

[DA-CS-wahl\\_25](#)

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.

#### 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  $P_{vid}$

0 W

Heat dissipation capacity  $P_{diss}$

0 W

Heat dissipation per pole, current-dependent  $P_{vid}$

0 W

Opening diameter

16 mm

Opening height

0 mm

Operating torque

0.2 Nm

Rated insulation voltage ( $U_i$ )

250 V

Rated operational current for specified heat dissipation ( $I_n$ )

0 A

Rated operational voltage ( $U_e$ ) at AC - max

24 V

Static heat dissipation, non-current-dependent  $P_{vs}$

1 W

Switching angle

45 °

Width opening

0 mm

Rated impulse withstand voltage ( $U_{imp}$ )

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 mm<sup>2</sup>

#### Design

With thumb-grip

#### Mounting position

As required

#### Terminal size

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

2.8 x 0.8 mm to DIN 46244, Blade terminal

#### Overvoltage category

III

#### Control circuit reliability

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

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

#### Degree of protection

NEMA 1

#### Degree of protection (front side)

IP65

#### Indicator color

White

#### Lens type

Square

#### Lifespan, mechanical

3,000,000 Operations

#### Number of switch positions

3

#### Size

Front dimensions: 25 × 25 mm

#### Product category

RMQ16

#### Suitable for

Illumination



Eaton Corporation plc  
Eaton House  
30 Pembroke Road  
Dublin 4, Ireland  
Eaton.com  
© 2024 Eaton. All Rights Reserved.

Eaton is a registered trademark.

All other trademarks are  
property of their respective  
owners.



[Eaton.com/socialmedia](https://www.eaton.com/socialmedia)