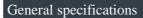
Eaton 072352

Catalog Number: 072352

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





Eaton Moeller® series RMQ16 Illuminated selector switch actuator

Product Length/Depth

75 mm

Product Width

25 mm

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



072352

EAN

4015080723523

Catalog Number

Product Height

25 mm

Product Weight

0.017 kg





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-ca 047003 en-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 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
0.2 Nm Rated insulation voltage (Ui)
0.2 Nm Rated insulation voltage (Ui) 250 V Rated operational current for specified heat dissipation (In)
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
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
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
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

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 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal Overvoltage category Ш 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 x 25 mm **Product category** RMQ16

Suitable for Illumination



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