Specifications

Eaton 072377



Catalog Number: 072377

Eaton Moeller® series RMQ16 Key-operated actuator, 3 positions, black, momentary Q25S3

General specifications

Product Name
Eaton Moeller® series RMQ16 Key-operated actuator

Catalog Number
072377

EAN
4015080723776

Product Length/Depth
50 mm

Product Height
25 mm

Product Width
25 mm

Product Weight
0.023 kg

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

Powering Business Worldwide

Product specifications

Type

Key-operated button

Accessories

1 key included with supplied equipment.

Actuator color

Black

Actuator function

Spring-return

Key withdrawable in position 0

Momentary

10.10 Temperature rise

Not applicable.

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

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-rmq16-key-operated-actuator-dimensions.eps

eCAD model

ETN.072377.edz

Installation instructions

IL04716016Z

mCAD model

DA-CS-schluessel_25

DA-CD-schluessel_25

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:

Front ring

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

Key

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

0.4 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 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

Key operated

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

Other

Lens type

Square

Lifespan, mechanical

3,000,000 Operations

Number of switch positions

3

Size

Front dimensions: 25 × 25 mm

Product category

RMQ16



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