Eaton 046851

Catalog Number: 046851

Eaton Moeller® series RMQ16 Key-operated actuator, 2 positions, white, momentary Q25S1-WS

General specifications



Eaton Moeller® series RMQ16 Keyoperated actuator

Product Length/Depth

50 mm

Product Width

25 mm

Certifications

CSA-C22.2 No. 14-05

UL

CSA Class No.: 3211-03

CE

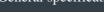
UL 508

UL Category Control No.: NKCR

CSA

IEC/EN 60947

UL File No.: E29184 IEC/EN 60947-5 CSA File No.: 46552



Catalog Number

046851

EAN

4015080468516

Product Height

25 mm

Product Weight

0.023 kg





Product specifications

Type

Key-operated button

Accessories

1 key included with supplied equipment.

Actuator color

White

Actuator function

Key withdrawable in position 0

Spring-return

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-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca 047003 en-en-us.pdf

eaton-rmq-titan-brochure-br047004en-en-us.pdf

Declarations of conformity

DA-DC-00004158.pdf

DA-DC-00004136.pdf

Drawings

eaton-operating-rmq16-key-operated-actuator-dimensions-002.eps

eCAD model

ETN.046851.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

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

shock 11 ms

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

Bezel material

Plastic

Terminal capacity

0.5 - 1.0 mm²

Design

Key operated

Mounting position

As required

Terminal size

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

Overvoltage category

Ш

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

Degree of protection

NEMA 1

Degree of protection (front side)

determined, at 5 V DC/1 mA)

IP65

Indicator color

Other

Lens type

Square

Lifespan, mechanical

3,000,000 Operations

Number of switch positions

2

Size

Front dimensions: 25 x 25 mm

Product category

RMQ16



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