Specifications

Eaton 090421

Catalog Number: 090421

Eaton Moeller® series RMQ16 Pushbutton, red 0, momentary Q25D-10



General specifications

Product Name
Eaton Moeller® series RMQ16 Pushbutton

Catalog Number
090421

EAN
4015080904212

Product Length/Depth
50 mm

Product Height
25 mm

Product Width
25 mm

Product Weight
0.008 kg

Certifications
IEC/EN 60947-5
CE
VDE 0660
CSA-C22.2 No. 14-05
CSA File No.: 46552
UL
CSA
UL File No.: E29184
CSA Class No.: 3211-03
UL 508
IEC/EN 60947
UL Category Control No.: NKCR

Powering Business Worldwide

Product specifications

Type

Pushbutton actuator

Actuator color

Red

Features

Labelled

Actuator function

Momentary

Spring-return

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 evaluated.

Resources

Catalogs

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-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-pushbutton-rmq16-dimensions.eps

116C085

eCAD model

ETN.090421.edz

Installation instructions

IL04716016Z

mCAD model

DA-CD-druck_25

DA-CS-druck_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:

Front ring

Operating frequency

3600 Operations/h

Climatic proofing

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

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

Connection to SmartWire-DT

No

Actuating force

4 N

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

Number of command positions

1

Opening diameter

16 mm

Opening height

0 mm

Rated operational current for specified heat dissipation (In)

0 A

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

Design

Flat

Mounting position

As required

Degree of protection

IP65

NEMA 1

Degree of protection (front side)

IP65

NEMA 1

Inscription

Inscribed

Front element type

Flat

Lens type

Square

Lifespan, mechanical

3,000,000 Operations

Static heat dissipation, non-current-dependent Pvs

0 W

Width opening

0 mm

Product category

RMQ16

Size

Front dimensions: 25 x 25 mm

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