Specifications

Eaton 089104



Catalog Number: 089104

Eaton Moeller® series RMQ16 Indicator light, flush, red, +filament lamp, 24 V Q25LF-RT/WB

General specifications

Product Name
Eaton Moeller® series RMQ16 Indicator light

Catalog Number
089104

EAN
4015080891048

Product Length/Depth
59 mm

Product Height
25 mm

Product Width
25 mm

Product Weight
0.011 kg

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

Powering Business Worldwide

Product specifications

Type

Indicator lights

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

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.

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-00004158.pdf

DA-DC-00004136.pdf

Drawings

eaton-operating-pushbutton-rmq16-dimensions-002.eps

eaton-operating-button-rmq16-symbol-002.eps

eaton-operating-indication-rmq16-indicator-light-3d-drawing-002.eps

eCAD model

DA-CE-ETN.Q25LF-RT_WB

Installation instructions

IL04716016Z

mCAD model

DA-CS-leucht_25

DA-CD-leucht_25

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

Pollution degree

3

Climatic proofing

Damp heat, cyclic, to IEC 60068-2-30
Damp heat, constant, to IEC 60068-2-78

Connection to SmartWire-DT

No

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

Lens color

Red

Design

Flush

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

Degree of protection

NEMA 1

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

16 mm

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

Suitable for number of built-in signal lights

1

Width opening

0 mm

Product category

RMQ16

Size

Front dimensions: 25 × 25 mm

Degree of protection (front side)

IP65

Lens type

Flat

Square

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