Specifications

Eaton 186761

Catalog Number: 186761

Eaton Moeller® series M22 Indicator light, RMQ-Titan, Flush, white, inscribed, ON



General specifications

Product Name
Eaton Moeller® series M22 Indicator light

Catalog Number
186761

EAN
4015081818006

Product Length/Depth
30 mm

Product Height
30 mm

Product Width
30 mm

Product Weight
0.007 kg

Certifications
UL File No.: E29184
UL Category Control No.: NKCR
CSA
CSA File No.: 012528
UL 508
CSA Class No.: 3211-03
CE
CSA-C22.2 No. 94-91
IEC/EN 60947-5
IEC/EN 60947
UL
CSA-C22.2 No. 14-05
VDE 0660

Powering Business Worldwide

Features & Functions

Bezel color

Chrome

Bezel material

Other

Design

Flush

Fitted with:

Front ring

Inscription

Inscribed

Lens color

White

General

Degree of protection

NEMA 4X, 13

Degree of protection (front side)

IP67/IP69K

Opening diameter

22.5 mm

Overvoltage category

III

Pollution degree

3

Product category

RMQ-Titan

Rated impulse withstand voltage (Uimp)

4000 V AC

Size

Front diameter: 29.7 mm

Type

Indicator lights

Ambient conditions, mechanical

Mounting position

As required

Shock resistance

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

30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

Climatic environmental conditions

Ambient operating temperature - min

-25 °C

Ambient operating temperature - max

70 °C

Climatic proofing

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

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

Terminal capacities

Terminal capacity

0.5 - 1.5 mm², solid

0.5 - 1.5 mm², stranded

Electrical rating

Rated insulation voltage (Ui)

250 V

Communication

Connection to SmartWire-DT

With SWD-RMQ connections

Yes

Contacts

Force for positive opening - min

0 N

Design verification

Equipment heat dissipation, current-dependent Pvid

0 W

Heat dissipation capacity Pdiss

0 W

Heat dissipation per pole, current-dependent Pvid

0 W

Rated operational current for specified heat dissipation (In)

0 A

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.

10.4 Clearances and creepage distances

Resources

Catalogs

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

eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf

Flip catalog - Product Range Catalog - Command and indication

Declarations of conformity

DA-DC-00004157.pdf

DA-DC-00004135.pdf

Drawings

eaton-operating-indication-m22-indicator-light-dimensions-002.eps

eaton-operating-indication-m22-indicator-light-dimensions.eps

eaton-operating-m22-indicator-light-dimensions.eps

eaton-operating-indication-m22-indicator-light-dimensions-003.eps

eaton-general-m22-symbol.eps

eaton-general-approval-m22-symbol.eps

eaton-general-m22-standards.eps

eaton-operating-button-symbol-013.eps

eaton-operating-indication-m22-indicator-light-3d-drawing-002.eps

eCAD model

ETN.186761.edz

Installation instructions

IL04716002Z

Installation videos

RMQ Flat Design

mCAD model

DA-CD-leuchtmelder_flach

DA-CS-leuchtmelder_flach

Multimedia

easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

MCI MultiColor Light Indicator RMQ compact solution

RMQ small E-Stop emergency-stop button

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.

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.

MCI Multicolor Light Indicator M22 with SmartWire-DT

Sales notes

eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

System overview

Pilot devices - selection aid

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