

Select your language

- German
- English
- Spanish
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English



Powering Business Worldwide

M22-LH-A - Indicator light, RMQ-Titan, Extended, conical, orange



164375 M22-LH-A

[Overview](#) [Specifications](#) [Resources](#)



164375 M22-LH-A

Indicator light, RMQ-Titan, Extended, conical, orange

Alternate Catalog No.

M22-LH-A

EL-Nummer (Norway)

4315271

Indicator light, Product range: RMQ-Titan, Single unit, Design: Extended, conical, Colour Lens: orange, Degree of Protection: IP66, IP67, IP69K, Connection to SmartWire-DT: yes, with SWD-RMQ connections, Standards: IEC/EN 60947, VDE 0660

- [Delivery program](#)

- [Technical data](#)

- [Design verification as per IEC/EN 61439](#)

- [Technical data ETIM 7.0](#)

- [Dimensions](#)

Delivery program

Product range

RMQ-Titan

Basic function

Indicator lights

Mounting hole diameter [□]

22.5 mm

Single unit/Complete unit

Single unit

Design

Extended, conical

Colour

Lens

orange

Lens



Degree of Protection

IP66, IP67, IP69

Connection to SmartWire-DT

yes

Technical data

General

Standards

IEC/EN 60947

VDE 0660

Climatic proofing

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

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

Degree of Protection

IP66, IP67, IP69

Ambient temperature Open

-25 - +70 °C

Mounting position

As required

Mechanical shock resistance

30

Shock duration 11 ms

Sinusoidal

according to IEC 60068-2-27 g

Terminal capacities Solid

0.5 - 1.5 mm²

Terminal capacities Stranded

0.5 - 1.5 mm²

shipping classification

DNV

GL

LR



Contacts

Rated impulse withstand voltage [U_{imp}]

4000 V AC

Rated insulation voltage [U_i]

250 V

Overvoltage category/pollution degree

III/3

Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_n]

0 A

Heat dissipation per pole, current-dependent [P_{vd}]

0 W

Equipment heat dissipation, current-dependent [P_{vd}]

0 W

Static heat dissipation, non-current-dependent [P_{vs}]

0 W

Heat dissipation capacity [P_{diss}]

0 W

Operating ambient temperature min.

-25 °C

Operating ambient temperature max.

+70 °C

IEC/EN 61439 design verification

10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects

Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
Please enquire

10.2 Strength of materials and parts 10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 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 Insulation properties 10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.

10.9 Insulation properties 10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.

10.9 Insulation properties 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.

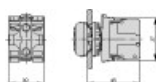
10.13 Mechanical function
The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Front element for indicator light (EC000223)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for warning lights (ec1@ss10.0.1-27-37-12-11 [AKF029014])
Suitable for number of built-in signal lights

1
Colour lens
Other
Construction type lens
Round
Hole diameter
22.5 mm
Width opening
0 mm
Height opening
0 mm
With front ring
No
Material front ring
Other
Colour front ring
Other
Type of lens
High
Degree of protection (IP), front side
IP67/IP69K

Dimensions





Pushbuttons and indicator lights with M22-TC telescopic clip and M22-TCV extension
☐ Top-hat rail to IEC/EN 60715

CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-leuchtmelder_hoch](#)
File
(Web)

edz files

- [DA-CE-ETN.M22-LH-A](#)
File
(Web)

Step files

- [DA-CS-leuchtmelder_hoch](#)
File
(Web)

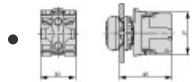
Product photo



[1160PIC-1065](#)

Photo

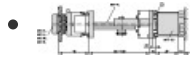
Dimensions single product



[116X106](#)

Line drawing

Indicator lights/illuminated pushbuttons



[116X131](#)

Line drawing

Telescopic clip with extension

☐ Top-hat rail to IEC/EN 60715

Symbol



Germanischer Lloyd

[0000SPC-180](#)

Graphic

Germanischer Lloyd approval for Germany (color logo)



[DNV](#)

[0000SPC-183](#)

Logo



1160SPC-38

Graphic

Button plate, orange

StandardsSymbol



0000SPC-179

Graphic

Lloyd's Register approval for Great Britain

Instruction Leaflet

- [RMQ-Titan System \(IL04716002Z\)](#)
Asset
former AWA1160-1745, IL04716001E
(PDF, 09/2020, multilingual)

Declaration of Conformity

EU

- [RMQ Titan \(Operating and signalling devices\) M22.../M30.../C22.../C30... \(DA-DC-00003657\)](#)
Asset
(PDF)

UK

- [RMQ Titan \(Operating and signalling devices\) M22.../M30.../C22.../C30... \(DA-DC-00003960\)](#)
Asset
(PDF)

Download-Center

- [Download-Center \(this item\)](#)
Eaton EMEA Download-Center - download data for this item
- [Download-Center](#)
Eaton EMEA Download-Center



[Generate data sheet in PDF format](#)



[Generate data sheet in Excel format](#)



[Write a comment](#)

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2021 by Eaton Industries GmbH

