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*Powering Business Worldwide*

M22-L-A - Indicator light, RMQ-Titan, Flat, orange



164374 M22-L-A

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## 164374 M22-L-A

Indicator light, RMQ-Titan, Flat, orange

Alternate Catalog No.

M22-L-A

EL-Nummer (Norway)

4315270

Indicator light, Product range: RMQ-Titan, Single unit, Design: Flat, 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

Flat

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 temperatureOpen  
-25 - +70 °C  
Mounting position  
As required  
Mechanical shock resistance  
30  
Shock duration 11 ms  
Sinusoidal  
according to IEC 60068-2-27 g  
Terminal capacitiesSolid  
0.5 - 1.5 mm<sup>2</sup>  
Terminal capacitiesStranded  
0.5 - 1.5 mm<sup>2</sup>  
shipping classification  
DNV  
GL  
LR



Contacts  
Rated impulse withstand voltage [U<sub>imp</sub>]  
4000 V AC  
Rated insulation voltage [U]  
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<sub>h</sub>]  
0 A  
Heat dissipation per pole, current-dependent [P<sub>vid</sub>]  
0 W  
Equipment heat dissipation, current-dependent [P<sub>vid</sub>]  
0 W  
Static heat dissipation, non-current-dependent [P<sub>s</sub>]  
0 W  
Heat dissipation capacity [P<sub>diss</sub>]  
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 (EO000223)  
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for warning lights (ecl@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  
Plastic  
Colour front ring  
Chrome  
Type of lens  
Flat  
Degree of protection (IP), front side  
IP67/IP69K

## Dimensions



Pushbuttons and indicator lights with M22-TC telescopic clip and M22-TCV extension

## CAD data

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

## DWG files

- [DA-CD-leuchtmelder\\_flach](#)  
File  
(Web)

## edz files

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

## Step files

- [DA-CS-leuchtmelder\\_flach](#)  
File  
(Web)

## Product photo



[1160PIC-1061](#)  
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

- [0000SPC-180](#)  
Graphic  
Germanischer Lloyd approval for Germany (color logo)



[0000SPC-183](#)  
Logo  
Approval Norway Det Norske Veritas DNV



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.../M80.../C22.../C30... (DA-DC-00003657)  
Asset  
(PDF)

### UK

- RMQ Titan (Operating and signalling devices) M22.../M80.../C22.../C30... (DA-DC-00003960)  
Asset  
(PDF)

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