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M22-L-B - Indicator light, RMQ-Titan, Flush, Blue



216775 M22-L-B

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## 216775 M22-L-B

Indicator light, RMQ-Titan, Flush, Blue

Alternate Catalog No.

M22-L-BQ

EL-Nummer (Norway)

4355336

Indicator light, Product range: RMQ-Titan, Single unit, Design: Flush, Colour Lens: Blue, Degree of Protection: IP66, IP67, IP69K, Connection to SmartWire-DT: yes, with SWD-RMQ connections, Front dimensions: 29,7, Standards: IEC/EN 60947, VDE 0660

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### Delivery program

Product range

RMQ-Titan

Basic function

Indicator lights

Mounting hole diameter [□]

22.5 mm

Single unit/Complete unit

Single unit

Design

Flush

Colour

Lens

Blue

Lens

Degree of Protection

IP66, IP67, IP69

Connection to SmartWire-DT  
yes

with SWD-RMQ connections

### 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 mm<sup>2</sup>  
Terminal capacities Stranded  
0.5 - 1.5 mm<sup>2</sup>  
shipping classification  
DNV  
GL  
LR



Germanischer Lloyd



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 [ $P_{vid}$ ]  
0 W  
Equipment heat dissipation, current-dependent [ $P_{vid}$ ]  
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 (ecl@ss10.0.1-27-37-12-11 [AKF029014])  
 Suitable for number of built-in signal lights

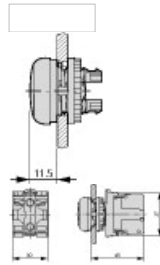
1  
 Colour lens  
 Blue  
 Construction type lens  
 Round  
 Hole diameter  
 22.5 mm  
 Width opening  
 0 mm  
 Height opening  
 0 mm  
 With front ring  
 Yes  
 Material front ring  
 Plastic  
 Colour front ring  
 Chrome  
 Type of lens  
 Flat  
 Degree of protection (IP), front side  
 IP67/IP69K

## Approvals

Product Standards  
 IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking  
 UL File No.  
 E29184  
 UL Category Control No.  
 NKCR  
 CSA File No.  
 012528  
 CSA Class No.  
 3211-03

North America Certification  
UL listed, CSA certified  
Degree of Protection  
UL/CSA Type 3R, 4X, 12, 13

## 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\\_flach](#)  
File  
(Web)

## edz files

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

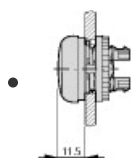
## Step files

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

## 3D drawing

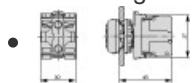
- [116I260](#)  
Line drawing  
Indicator light lens assembly

## Dimensions single product



[116X104](#)

Line drawing  
Indicator light



[116X106](#)

Line drawing  
Indicator lights/illuminated pushbuttons

-

116X131

Line drawing

Telescopic clip with extension

Top-hat rail to IEC/EN 60715

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116X200

Line drawing

Indicator light

## Product photo



1160PIC-321

Photo

Indicator light

## Symbol

•



Germanischer Lloyd

0000SFC-180

Graphic

Germanischer Lloyd approval for Germany (color logo)

•



DNV

0000SFC-183

Logo

Approval Norway Det Norske Veritas DNV

•

1160SFC-91

Graphic

## Instruction Leaflet

• [RMQ-Titan M22 \(IL047018ZU\)](#)

(PDF, 07/2021, Int)

• [RMQ-Titan System\(IL04716002Z\)](#)

Asset

former AWA1160-1745, IL04716001E

(PDF, 09/2020, multilingual)

## StandardsSymbol

•



0000SFC-179

Graphic

Lloyd's Register approval for Great Britain

## 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)

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