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Q18LF-WS - Indicator light, flush, white



088406 Q18LF-WS

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## 088406 Q18LF-WS

Indicator light, flush, white

Alternate Catalog No.

Q18LF-WS

EL-Nummer (Norway)

4356303

Indicator light, Product range: RMQ16, Single unit, Design: Flat, Description: without light elements, With base, W2x4,6d; max. 30 V, 1 W, Colour Lens: white, Degree of Protection: IP65, Connection to SmartWire-DT: no, Front dimensions: Front dimensions 18 × 18 mm

- Delivery program
- Technical data
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0
- Approvals
- Dimensions

### Delivery program

Product range

RMQ16

Basic function

Indicator lights

Mounting hole diameter [□]

16 mm

Single unit/Complete unit

Single unit

Design

Flat

Description

without light elements

With base, W2x4,6d; max. 30 V, 1 W

Colour

Lens

white

Lens



Degree of Protection

IP65

Connection to SmartWire-DT

no

### Technical data

General

Standards

IEC/EN 60947  
 Degree of protection, IEC/EN 60529  
 IP65  
 Climatic proofing  
 Damp heat, constant, to IEC 60068-2-78  
 Damp heat, cyclic, to IEC 60068-2-30  
 Ambient temperature Open  
 -25 - +60 °C  
 Ambient temperature Enclosed  
 - 25 - 40 °C  
 Mounting position  
 As required  
 Mechanical shock resistance  
 > 40  
 according to IEC 60068-2-27  
 Shock duration 11 ms  
 Sinusoidal g  
 Terminal capacities  
 0.5 - 1.0 mm<sup>2</sup>  
 Blade terminal  
 2.8 x 0.8 mm to DIN 46244  
 Fast-on connectors  
 2.8 x 0.8 mm to DIN 46247 and IEC 60760  
 Contacts  
 Rated impulse withstand voltage [U<sub>imp</sub>]  
 800 V AC  
 Rated insulation voltage [U<sub>i</sub>]  
 250 V  
 Overvoltage category/pollution degree  
 III/3  
 Rated operational voltage [U<sub>e</sub>]  
 24 V AC  
 Use of insulated ferrule ISH 2,8  
 >24 V AC/DC recommended  
 >50 V AC or 120 V DC is mandatory, even on unused blade terminals

## Design verification as per IEC/EN 61439

Technical data for design verification  
 Rated operational current for specified heat dissipation [I<sub>r</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>vs</sub>]  
 0 W  
 Heat dissipation capacity [P<sub>diss</sub>]  
 0 W  
 Operating ambient temperature min.  
 -25 °C  
 Operating ambient temperature max.  
 +60 °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

White

Construction type lens

Square

Hole diameter

16 mm

Width opening

0 mm

Height opening

0 mm

With front ring

Yes

Material front ring

Plastic

Colour front ring

Black

Type of lens

Flat

Degree of protection (IP), front side

IP65

## Approvals

Product Standards

IEC/EN 60947-5; UL 508; CSA-C22.2 Nb. 14-05; CE marking

UL File No.

E29184

UL Category Control No.

NKCR

CSA File No.

46552

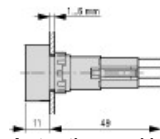
CSA Class No.

3211-03

North America Certification

UL listed, CSA certified  
Degree of Protection  
UL/CSA Type 1

## Dimensions



Actuating and indicator elements  
Square style

## CAD data

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

## DWG files

- [DA-CD-leucht\\_18](#)  
File  
(Web)

## edz files

- [DA-CE-ETN.Q18LF-WS](#)  
File  
(Web)

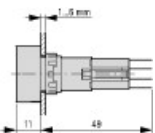
## Step files

- [DA-CS-leucht\\_18](#)  
File  
(Web)

## 3D drawing

- [116I205](#)  
Line drawing  
Indicator light, flat

## Dimensions single product



[116X008](#)

Line drawing  
Indicator light, illuminated pushbutton

## Product photo



[1160PIC-370](#)

Photo  
Indicator light

## Symbol

-

000Z051  
Graphic  
Square style



116C076  
Graphic  
Button plate, white

## Instruction Leaflet

- [Mounting of components \(IL04716016Z\)](#)  
Asset  
(PDF, multilingual)

## Declaration of Conformity

### EU

- [Operating and signalling devices RMQ 16 \(DA-DC-00003460\)](#)  
Asset  
(PDF)

### UK

- [Operating and signalling devices RMQ 16 \(DA-DC-00003961\)](#)  
Asset  
(PDF)

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