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Worldwide English

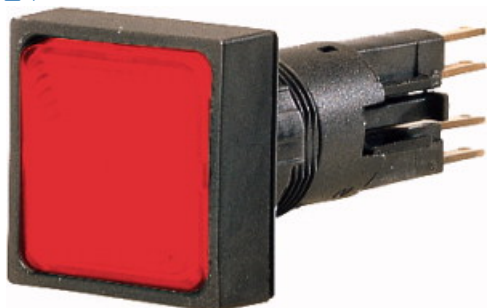


Q18LH-RT - Indicator light, raised, red



088655 Q18LH-RT

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



088655 Q18LH-RT

Indicator light, raised, red

Alternate Catalog No.

Q18LH-RT

EL-Nummer (Norway)

4356316

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

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Delivery program

Product range

RMQ16

Basic function

Indicator lights

Mounting hole diameter [□]

16 mm

Single unit/Complete unit

Single unit

Design

Conical

Description

without light elements

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

Colour

Lens

Red

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 mm²
 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_{imp}]
 800 V AC
 Rated insulation voltage [U_i]
 250 V
 Overvoltage category/pollution degree
 III/3
 Rated operational voltage [U_e]
 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_r]

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.

+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

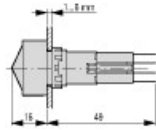
1
 Colour lens
 Red
 Construction type lens
 Square
 Hole diameter
 16 mm
 Width opening
 0 mm
 Height opening
 0 mm
 With front ring
 Yes
 Material front ring
 Plastic
 Colour front ring
 Black
 Type of lens
 High
 Degree of protection (IP), front side
 IP65

Approvals

Product Standards
 IEC/EN 60947-5; UL 508; CSA-C22.2 No. 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_h_18](#)
File
(Web)

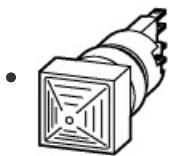
edz files

- [DA-CE-ETN.Q18LH+RT](#)
File
(Web)

Step files

- [DA-CS-leucht_h_18](#)
File
(Web)

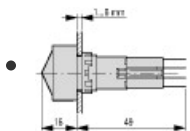
3D drawing



1161006

Line drawing
Indicator light, conical

Dimensions single product



116X009

Line drawing
Indicator light, conical

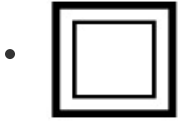
Product photo



1160PIC-375

Photo
Indicator light

Symbol



000Z051
Graphic
Square style



116C074
Graphic
Button plate, red

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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