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Worldwide English



M22-DL-R-K10LED-BVP - Illuminated pushbutton actuator, RMQ-Titan, flush, momentary, red, Blister pack for hanging



110932 M22-DL-R-K10LED-BVP

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110932 M22-DL-R-K10LED-BVP

Illuminated pushbutton actuator, RMQ-Titan, flush, momentary, red, Blister pack for hanging

Alternate Catalog No.

M22-DL-R-K10LED-BVPQ

EL-Nummer (Norway)

4356255

Illuminated pushbutton actuator, Product range: RMQ-Titan, Description: Blister pack for hanging.,

Complete practical solution., Can be ordered using a single article no., Connection to SmartWire-DT: no

- [Delivery program](#)
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- [Technical data ETIM 7.0](#)

Delivery program

Product range

RMQ-Titan

Description

Blister pack for hanging.

Complete practical solution.

Can be ordered using a single article no.

Connection to SmartWire-DT

no

Equipment supplied

1 Illuminated pushbutton actuator [M22-DL-R](#)

1 mounting clamp

[M22-A](#)

1 LED element

[M22-LED-R](#)

1 contact element

[M22-K10](#)

Technical data

General

Ambient temperature Open

-25 - +70 °C

shipping classification

DNV

GL

LR



Design verification as per IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation [I_n]

6 A

Heat dissipation per pole, current-dependent [P_{id}]
0.11 W
Equipment heat dissipation, current-dependent [P_{id}]
0 W
Static heat dissipation, non-current-dependent [P_{vs}]
0.45 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
The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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 push button (EC0000221)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ecl@ss10.0.1-27-37-12-10 [AKF028014])
Colour button
Red
Number of command positions
1
Construction type lens
Round

Hole diameter
 22.5 mm
 Width opening
 0 mm
 Height opening
 0 mm
 Type of button
 Flat
 Suitable for illumination
 Yes
 With protective cover
 No
 Labelled
 No
 Switching function latching
 No
 Spring-return
 Yes
 With front ring
 Yes
 Material front ring
 Plastic
 Colour front ring
 Chrome
 Degree of protection (IP), front side
 IP67
 Degree of protection (NEMA), front side
 4X

CAD data

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

DWG files

- [DA-CD-bg_d_1led0](#)
File
(Web)

Step files

- [DA-CS-bg_d_1led0](#)
File
(Web)

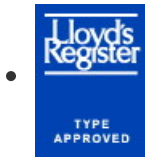
Product photo

- 
[1160PIC-1407](#)
Photo

Symbol

- 
Germanischer Lloyd
[0000SPC-180](#)
Graphic
Germanischer Lloyd approval for Germany (color logo)
- 
[0000SPC-183](#)

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 \(Operating and signalling devices\) M2.../M30.../C22.../C30... \(DA-DC-00003657\)](#)
Asset
(PDF)

UK

- [RMQ Titan \(Operating and signalling devices\) M2.../M30.../C22.../C30... \(DA-DC-00003960\)](#)
Asset
(PDF)

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