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M22-DRP-G - Mushroom actuator, RMQ-Titan, Mushroom, maintained, Mushroomgreen, green, Blank, Bezel: titanium



216747 M22-DRP-G

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216747 M22-DRP-G

Mushroom actuator, RMQ-Titan, Mushroom, maintained, Mushroomgreen, green, Blank, Bezel: titanium

Alternate Catalog No.

M22-DRP-GQ

EL-Nummer (Norway)

4355686

Mushroom actuator, Product range: RMQ-Titan, Single unit, Design: Mushroom, maintained, Colour Mushroom green, button plate: green, Blank, Degree of Protection: IP66, IP67, IP69K, Bezel: titanium, Connection to SmartWire-DT: yes, with SWD-RMQ connections, Front dimensions: 22 x 22, Function: maintained, Instructions: Stay-put/spring-return function can be changed on device, Standards: IEC/EN 60947, VDE 0660

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Delivery program

Product range

RMQ-Titan

Basic function

Mushroom-headed pushbutton

Mounting hole diameter [□]

22.5 mm

Single unit/Complete unit

Single unit

Design

Mushroom

maintained

Colour

Mushroom

green

Mushroom colour



Button plate

button plate

green

Button plate



Blank
Degree of Protection
IP66, IP67, IP69
Front ring
Bezel: titanium
Connection to SmartWire-DT
yes
with SWD-RMQ connections
Function
maintained
Instructions
Stay-put/spring-return function can be changed on device

Technical data

General
Standards
IEC/EN 60947
VDE 0660
Lifespan, mechanical [Operations]
> 1 x 10⁶
Operating frequency [Operations/h]
 1800
Actuating force
 5 n
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
Ambient temperatureStorage
- 40 - + 80 °C
Mounting position
As required
Mechanical shock resistance
30
Shock duration 11 ms
Sinusoidal
according to IEC 60068-2-27 g
shipping classification
DNV
GL
LR



Germanischer Lloyd



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_{rd}]
0 W
Equipment heat dissipation, current-dependent [P_{rd}]
0 W
Static heat dissipation, non-current-dependent [P_{rs}]
0 W
Heat dissipation capacity [P_{dss}]
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 mushroom push-button (EC001038)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss10.0.1-27-37-12-12 [AKF030014])

Colour button

Green

Construction type lens

Round

Diameter cap

36.5 mm

Hole diameter

22.5 mm

Width opening

0 mm

Height opening

0 mm

Degree of protection (IP)

IP67/IP69K

Degree of protection (NEMA)

4X
Type of button
Flat
Suitable for illumination
No
Switching function latching
Yes
Spring-return
Yes
With front ring
Yes
Material front ring
Plastic
Colour front ring
Chrome
Suitable for emergency stop
No
Unlocking method
None

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



CAD data

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

DWG files

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

edz files

- [DA-CE-ETN.M22-DRP-G](#)
File
(Web)

Step files

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

3D drawing

- □ [116I255](#)
Line drawing
Mushroom actuator

Dimensions single product


- □ [116X100](#)
Line drawing
Mushroom actuator
- □ [116X201](#)
Line drawing
Mushroom actuator

Product photo



[1160PIC-1109](#)
Photo

Symbol

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



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



[116C059](#)
Graphic
Button plate, green

Instruction Leaflet

- [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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