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M22-DDL-WS-GB1/GB0 - Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights non-flush, momentary, White lens, white, black, inscribed, Bezel: titanium, START/STOP



216708 M22-DDL-WS-GB1/GB0

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216708 M22-DDL-WS-GB1/GB0

Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights non-flush, momentary, White lens, white, black, inscribed, Bezel: titanium, START/STOP

Alternate Catalog No.

M22-DDL-WS-GB1-GB0Q

EL-Nummer (Norway)

4355662

Double actuator pushbutton, Product range: RMQ-Titan, Single unit, Design: Actuators and indicator lights non-flush, momentary, Description: White lens, button plate: white, black, Button plate inscribed, Degree of Protection: IP66, Bezel: titanium, Connection to SmartWire-DT: yes, with SWD-RMQ connections, Front dimensions: 29,7 x 54,7, Standards: IEC/EN 60947, VDE 0660

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Delivery program

Product range
RMQ-Titan
Basic function
Double actuators
Mounting hole diameter [□]
22.5 mm
Single unit/Complete unit
Single unit
Design
Actuators and indicator lights non-flush
momentary
Description
White lens
Button plate
button plate
white, black
Button plate

inscribed
Degree of Protection
IP66
Front ring
Bezel: titanium
Connection to SmartWire-DT
yes
with SWD-RMQ connections

Technical data

General
Standards
IEC/EN 60947
VDE 0660
Lifespan, mechanical [Operations]
> 0.2 x 10⁶
Operating frequency [Operations/h]
□ 3600
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
Ambient temperature Open
-25 - +70 °C
Ambient temperature Storage
- 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



Indoor and protected outdoor installation

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_{id}]

0 W

Equipment heat dissipation, current-dependent [P_{id}]

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

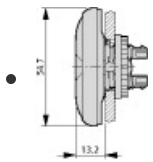
Does not apply, since the entire switchgear needs to be evaluated.

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.

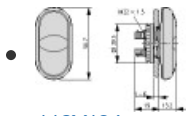
Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)
 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
 Other
 Number of command positions
 2
 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
 Yes
 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
 IP66
 Degree of protection (NEMA), front side
 4X



116X107

Line drawing
Pushbutton



116X194

Line drawing
Pushbutton

Product photo



1160FIC-1096

Photo

Symbol



Germanischer Lloyd
0000SFC-180

Graphic

Germanischer Lloyd approval for Germany (color logo)



DNV

0000SFC-183

Logo

Approval Norway Det Norske Veritas DNV



1160SFC-28

Graphic

Button plate, black / white

Instruction Leaflet

- RIVQ-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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