



Overview

Specifications

Resources







DELIVERY PROGRAM

Delivery program

Product range

Technical data

RMQ-Titan

Design verification as per IEC/EN 61439

Basic function Mushroom-headed pushbutton

Technical data ETIM7.0

Mounting hole diameter $[\Box]$ 22.5 mm

Single unit/Complete unit Single unit

Approvals

Design Mushroom

Dimensions

momentary

Colour

Mushroom

green

Mushroomcolour

Button plate

button plate

Button plate

green



inscribed

Degree of Protection IP66, IP67, IP69

Front ring Bezel: titanium

Connection to SmartWire-DT yes with SWD-RMQ connections

Function momentary

TECHNICAL DATA

General

Standards IEC/EN 60947 VDE 0660 Lifespan, mechanical [Operations] $>5 \times 10^{6}$ 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, IP67, IP69 Ambient temperature Open -25 - +70 °C Ambient temperature Storage - 40 - + 80 °C Mounting position As required Mechanical shock resistance Shock duration 11 ms Sinusoidal according to IEC 60068-2-27 g shipping classification

DNV

GL

LR



Technical data for design verification

Rated operational current for specified heat dissipation $[I_n]$ 0 A

Heat dissipation per pole, current-dependent $[P_{iid}] \ 0 \ W$

Equipment heat dissipation, current-dependent $[P_{\text{vid}}] \\ 0 \, \text{W}$

Static heat dissipation, non-current-dependent $[P_{\mbox{\tiny NS}}]$ 0 W

Heat dissipation capacity $[P_{diss}]$ 0 W

Operating ambient temperature min. -25 °C

Operating ambient temperature max. +70 $^{\circ}$ C

IEC/EN 61439 design verification

10.2 Strength of materials and parts10.2.2 Corrosion resistanceMeets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosuresMeets 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 Weets 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 Flease enquire

10.2 Strength of materials and parts10.2.5 LiftingDoes not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts10.2.6 Mechanical impactDoes not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts10.2.7 InscriptionsMeets the product standard's requirements.

10.3 Degree of protection of ASSEVBLIES 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 (\mathbb{L}) is observed. **TECHNICAL DATA ETIM 7.0** Low-voltage industrial components (EG000017) / Front element for mushroom push-button (EC001038) Bectric 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

Hole diameter 22.5 mm

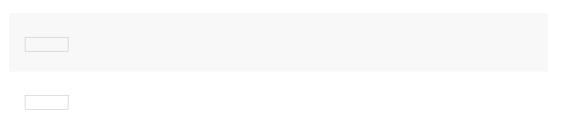
Diameter cap 36.5 mm

Width opening 0 mm
Height opening 0 mm
Degree of protection (IP) IP67/IP69K
Degree of protection (NEVA) 4X
Type of button Flat
Suitable for illumination No
Switching function latching No
Spring-return Yes
With front ring Yes
Material front ring Rastic
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









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