



Overview

Specifications

Resources







DELIVERY PROGRAM

Delivery program

Technical data

Product range RMQ-Titan

Design verification as per IEC/EN 61439

Basic function
Pushbutton actuators

Mounting hole diameter [□] 22.5 mm

Technical data ETIM 7.0

Single unit/Complete unit Single unit

Approvals

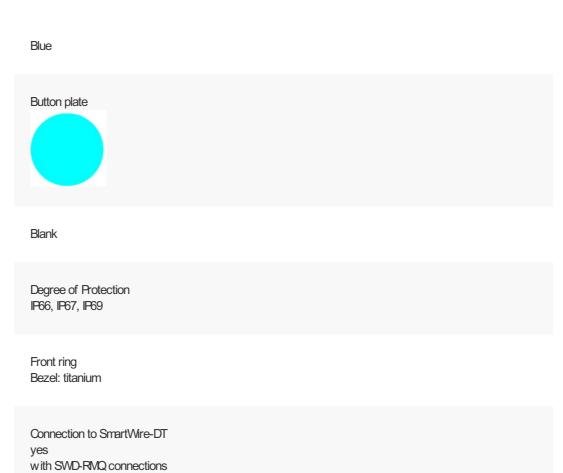
Design Extended

Dimensions

maintained

Button plate

button plate



Instructions

Stay-put/spring-return function can be changed on device

TECHNICAL DATA

Operating frequency [Operations/h]

General Standards IEC/EN 60947 VDE 0660 Lifespan, mechanical [Operations] > 1 x 106

Actuating force

□5n

□ 1800

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 30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27 g

shipping classification DNV GL

LR



DESIGN VERIFICATION AS PER IEC/EN 61439

Technical data for design verification

Rated operational current for specified heat dissipation $\left[I_{n}\right]$ 0 A

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

Equipment heat dissipation, current-dependent $[P_{\text{id}}]$ 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 $^{\circ}$ 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 parts 10.2.3.1 Verification of thermal stability of enclosures Meets the product standard's requirements.

10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heatMeets 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 Hease 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 (IL) is observed.

TECHNICAL DATA ETIM 7.0

Low-voltage industrial components (EG000017) / Front element for push button (EC000221)

Bectric 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
Blue

Number of command positions
1

Construction type lens

Hole diameter 22.5 mm

Round

Width opening 0 mm

Height opening 0 mm

Type of button High

Suitable for illumination No
With protective cover No
Labelled No
Switching function latching Yes
Spring-return Yes
With front ring Yes
Material front ring Plastic
Colour front ring Chrome
Degree of protection (IP), front side IP67/IP69K
Degree of protection (NEVA), front side 4X

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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