



216710 M22-DDL-S-X7/X7

Overview

Specifications

Resources







DELIVERY PROGRAM

Delivery program

Product range RMQ-Titan

Technical data

Design verification as per IEC/EN 61439

Basic function
Double actuators

Technical data ETIM7.0

Mounting hole diameter $[\Box]$ 22.5 mm

Tool ii iloai data Eliivi7.0

Single unit/Complete unit Single unit

Approvals

Design

Dimensions

Actuators and indicator lights non-flush

momentary

Description White lens

Button plate

button plate black, black
Button plate 1
inscribed
Degree of Protection IP66
Front ring Bezel: titanium
Connection to SmartWire-DT yes with SWD-RVQ connections
TECHNICAL DATA
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TECHNICAL DATA General
General Standards IEC/EN 60947
General Standards IEC/EN 60947 VDE 0660 Lifespan, mechanical [Operations]
General Standards IEC/EN 60947 VDE 0660 Lifespan, mechanical [Operations] > 0.2 x 10 ⁶ Operating frequency [Operations/h]

Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Degree of Protection

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



Indoor and protected outdoor installation

DESIGN VERIFICATION AS PER IEC/EN 61439

Technical data for design verification

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

Heat dissipation per pole, current-dependent [P_{vid}] 0 W

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

Static heat dissipation, non-current-dependent $[P_{\!\scriptscriptstyle V\!S}]$ 0 W

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

Operating ambient temperature min. -25 $^{\circ}\text{C}$

Operating ambient temperature max. +70 °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 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 Rease 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 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 Weets 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 properties10.9.4 Testing of enclosures made of insulating materialIs 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 Bectromagnetic 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 Black Number of command positions Construction type lens Round Hole diameter 22.5 mm

Height opening 0 mm

Width 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 (N⊟VA), front side 4X

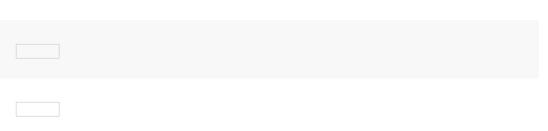
APPROVALS

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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