Illuminated pushbutton actuator, RMQ-Titan, Flush, momentary, White, Blank, Bezel: titanium $\,$



Part no. M22-DL-W

EL Number (Norway) 216922 4355342

Product name	Conoral enceifications	
Part no. LAN An Insurance 30 millimetre Product height Product vidth Product width Product width Compliance Certifications Certification		F. M. II. S MONIII I. II. II. II. II.
EAN 4015092160220 Product length/Depth 30 millimetre Product vieight 01 100 millimetre Product vieight 01 100 millimetre Compliances CE Marked UL 500 CC SA 500 CC 22 No. 14-65 CCA 500 CCA 50		
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Certifications Certifications CSA Std. C22 No. 14-05 CSA Std. C22 No. 94-91 IES 6884-75 IES 6884-75 IES 6884-75 IUS 6884-75	-	
CSA Std. CZ2 No. 14-05 CSA Fals No. 12023 CSA Class No. 2211-03 CSA Class No. 2210-03 CSA CZ2 No. 14-05 CSA CZ2		CE Marked
Product Type Product Sub Type Features & Functions Bezel color Bezel material Color Design Fitted with: Inscription Degree of protection Degree of protection (front side) Degree of protection (front side) Lifespan, mechanical Opening diameter Operating frequency Illiminated pushbutton actuator None None Illiminated pushbutton actuator None Illiminated pushbutton actuator None Fitted with: Intralium Plastic Color White Plastic Classical Front ring Blank Front ring Blank IP66 IP686 IP698 NEMA 12 NEMA 13 NEMA 12 NEMA 13 NEMA 4X NEMA 3R IP67 Degree of protection (front side) Degree of protection (front side) Degree of protection (front side) All Illiminated pushbutton actuator None Titanium Plastic Classical Float Float IP66 IP68 IP68 NEMA 4X NEMA 3R IP67 Degree of protection (front side) Jeff/IP69K NEMA 4X NEMA 4X Semantical Opening diameter Operating frequency 3600 Operations/h	Certifications	CSA Std. C22.2 No. 14-05 CSA Std. C22.2 No. 94-91 IEC 60947-5 EN 60947-5 VDE UL Category Control No.: NKCR CSA File No.: 012528 CSA Class No.: 3211-03 CSA CSA-C22.2 No. 14-05 IEC/EN 60947-5 IEC/EN 60947 CE VDE 0660 UL File No.: E29184 CSA-C22.2 No. 94-91 UL DNV GL
Product Sub Type Features & Functions Bezel color Bezel material Color Design Fitted with: Inscription Degree of protection Degree of protection (front side) Lifespan, mechanical Opening diameter Operating frequency None Titanium Plastic White Plastic Cassical Frush Classical Front ring Blank Front ring Blank P66 IP66 IP69K NEMA 12 NEMA 13 NEMA 13 NEMA 13 NEMA 13 NEMA 38 IP67 IP67 IP67 IP67 IP67 IP67 IP67 IP67	Product Tradename	M22
Bezel color	Product Type	Illuminated pushbutton actuator
Bezel color Bezel material Color White Design Fitted with: Inscription Bezel of protection Degree of protection (front side) Lifespan, mechanical Opening diameter Operating frequency Titanium Plastic Plastic White Front ring Blank Front ring Blank Feor ring Blank P66 IP66 IP68K NEMA 12 NEMA 12 NEMA 13 NEMA 4X NEMA 3R IP67 Souo,000 Operations Opening diameter Operating frequency 3600 Operations/h	Product Sub Type	None
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Color Design Flush Classical Fitted with: Inscription Blank General information Degree of protection Pegree of protection Flush Classical Front ring Blank Front ring Blank IP66 IP69K NEMA 12 NEMA 12 NEMA 13 NEMA 38 IP67 Degree of protection (front side) IP67/IP69K NEMA 4X NEMA 3R IP67 Degree of protection (front side) IP67/IP69K NEMA 4X OPERA 4X OP	Bezel color	Titanium
Plush Classical	Bezel material	Plastic
Fitted with: Inscription General information Degree of protection Degree of protection (front side) Degree of protection (front side) Degree of protection (front side) Classical Front ring Blank IP66 IP69K NEMA 12 NEMA 12 NEMA 13 NEMA 4X NEMA 3R IP67 IP67K NEMA 4X Lifespan, mechanical Opening diameter Operating frequency Classical Front ring Front ring Blank IP66 IP68 NEMA 12 NEMA 12 NEMA 42 Sound 12 NEMA 43 NEMA 4X Lifespan, mechanical Opening diameter 3600 Operations/h	Color	White
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General information Degree of protection IP66 IP69K NEMA 12 NEMA 13 NEMA 4X NEMA 3R IP67 Degree of protection (front side) IP67/IP69K NEMA 4X Lifespan, mechanical Opening diameter Operating frequency IP67/IP69K NEMA 4X 5,000,000 Operations 22.5 mm 3600 Operations/h	Fitted with:	Front ring
Degree of protection IP66 IP69K NEMA 12 NEMA 13 NEMA 4X NEMA 3R IP67 Degree of protection (front side) IP67/IP69K NEMA 4X Lifespan, mechanical Opening diameter Operating frequency IP68 IP69K NEMA 4X 5,000,000 Operations 22.5 mm 3600 Operations/h	Inscription	Blank
IP69K NEMA 12 NEMA 13 NEMA 43 NEMA 4X NEMA 3R IP67	General information	
NEMA 4X Lifespan, mechanical 5,000,000 Operations Opening diameter 22.5 mm Operating frequency 3600 Operations/h	Degree of protection	IP69K NEMA 12 NEMA 13 NEMA 4X NEMA 3R
Opening diameter 22.5 mm Operating frequency 3600 Operations/h	Degree of protection (front side)	
Operating frequency 3600 Operations/h	Lifespan, mechanical	5,000,000 Operations
	Opening diameter	22.5 mm
Product category RMO_Titon	Operating frequency	3600 Operations/h
Hiviu- Hail	Product category	RMQ-Titan
Size Front dimensions: 22 x 22 mm	Size	Front dimensions: 22 x 22 mm
Suitable for Illumination	Suitable for	Illumination
Type Illuminated pushbutton actuator	Туре	Illuminated pushbutton actuator

Ambient conditions, mechanical	
Mounting position	As required
Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Climatic proofing	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Communication	
Connection to SmartWire-DT	With SWD-RMQ connections Yes
Actuator	
Actuating force	5 N
Actuator color	White
Actuator function	Momentary
_	Spring-return Spring-return
Contacts	
Force for positive opening - min	0 N
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0 W
Rated operational current for specified heat dissipation (In)	0 A
Static heat dissipation, non-current-dependent Pvs	0 W
10.2.2 Corrosion resistance	Meets the product standard's requirements.
10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.4 Resistance to ultra-violet (UV) radiation	Please enquire
10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
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.
10.9.2 Power-frequency electric strength	Is the panel builder's responsibility.
10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
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 9.0

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@ss13-27-37-12-10 [AKF028019])

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Colour button	White		
Number of command positions	1		
Construction type lens	Round		

Hole diameter	m	mm	22.5
Width opening	m	mm	0
Height opening	m	mm	0
Type of button			Flat
Suitable for illumination			Yes
With protective cover			No
Labelled			No
Switching function latching			No
Spring-return			Yes
With front ring			Yes
Material front ring			Plastic
Colour front ring			Titanium
Degree of protection (IP), front side			IP67/IP69K
Degree of protection (NEMA), front side			4X