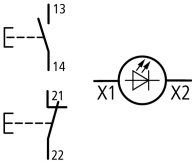




Double actuator pushbutton, 1N/O+1N/C, + LED 85-264VAC, screw connection

Part no. M22-DDL-GR-X1/X0/K11/230-W
Article no. 216509
Catalog No. M22-DDLGR-X1X0K11QWQ

Delivery programme

Product range		RMQ-Titan (drilling dimensions 22.5 mm)
Basic function		Double actuators
Single unit/Complete unit		Complete unit
Design		Actuators and indicator lights non-flush
		momentary
Connection type		Screw connection
Description		White lens LED element 85 - 264 V AC
Colour		
		Green, red
Button plate		
button plate		green, red
Button plate		  
		inscribed
Degree of Protection		IP66
Front ring		Bezel: Silver
Connection to SmartWire-DT		no
Contacts		
N/C = Normally closed		1 NC 
N/O = Normally open		1 N/O
Notes		 = safety function, by positive opening to IEC/EN 60947-5-1
Actuator travel and actuation force as per DIN EN 60947-5-1, K.5.4.1		
	mm	4.8
Maximum travel	mm	5.7
Minimum force for positive opening	N	15
Contact sequence		
Front dimensions		29,7 x 54,7

Technical data

General

Standards	IEC/EN 60947
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		VDE 0660
Lifespan, mechanical	Operations x 10 ⁶	> 1
Operating frequency	Operations/h	 1800
Actuating force	n	 5
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
Ambient temperature		
Open	°C	-25 - +70
Mounting position		As required
Mechanical shock resistance	g	30 Shock duration 11 ms Sinusoidal according to IEC 60068-2-27

Contacts

Rated conditional short-circuit current	Iq	kA	1
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Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I _n	A	6
Heat dissipation per pole, current-dependent	P _{vid}	W	0.11
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	1
Heat dissipation capacity	P _{diss}	W	0
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70
IEC/EN 61439 design verification			
10.2 Strength of materials and parts			
10.2.2 Corrosion resistance			Meets the product standard's requirements.
10.2.3.1 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties			
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			The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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.

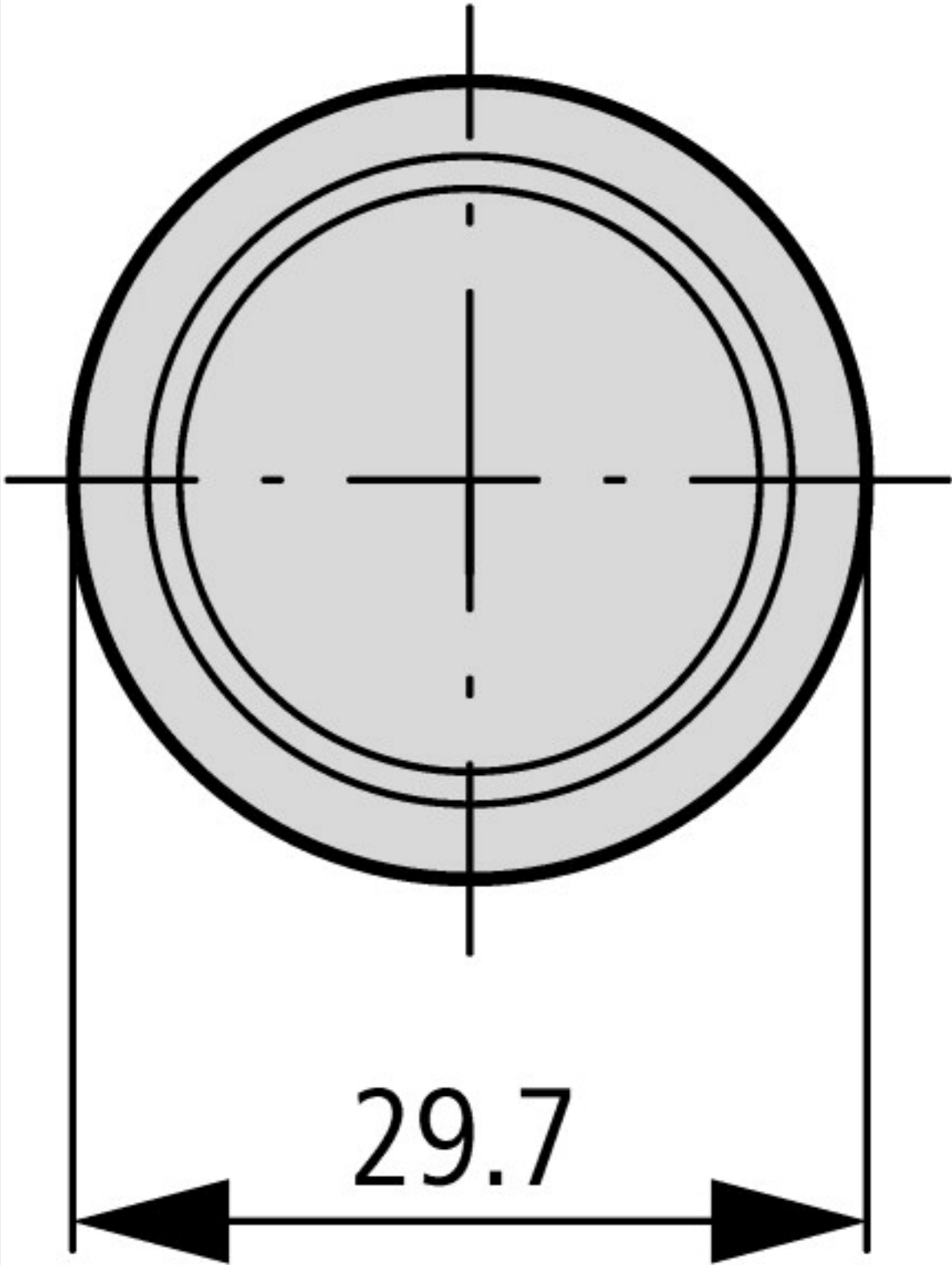
Technical data ETIM 6.0

Low-voltage industrial components (EG000017) / Push button, complete (EC001028)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss8.1-27-37-12-28 [AKF046011])			
Number of command positions			2
Colour button			Red-green
Construction type lens			Round
Hole diameter		mm	22
Width opening		mm	22
Height meter opening		mm	0
Degree of protection (IP)			IP66
Type of button			Flat
Suitable for illumination			Yes
Switching function latching			No
Spring-return			Yes
Supply voltage lamp		V	230
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			1
Number of contacts as change-over contact			0
Type of electric connection			Screw connection
With front ring			Yes
Material front ring			Plastic
Colour front ring			Chrome

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



54.7

13.2

Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan
System

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2015_02.pdf