DATASHEET - M22S-DRL-W-X1



Illuminated pushbutton actuator, RMQ-Titan, Flush, maintained, White, inscribed 1, Bezel: black

Part no. Catalog No. Alternate Catalog No.

M22S-DRL-W-X1 216964 g M22S-DRL-W-X1Q



Delivery program

Product range	RMQ-Titan
Basic function	Illuminated pushbutton actuators
Single unit/Complete unit	Single unit
Design	Flush
	maintained
Button plate	
button plate	White
Button plate	
	inscribed
Degree of Protection	IP66, IP67, IP69
Front ring	Bezel: black
Connection to SmartWire-DT	yes with SWD-RMQ connections
Front dimensions	29,7
Instructions	Stay-put/spring-return function can be changed on device

Technical data

General			
Standards			IEC/EN 60947 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
Degree of Protection			IP66, IP67, IP69
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
shipping classification			DNV GL LR
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Design verification as per IEC/EN 61439			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	А	0
Heat dissipation per pole, current-dependent	P _{vid}	W	0
Equipment heat dissipation, current-dependent	P _{vid}	W	0
Static heat dissipation, non-current-dependent	P _{vs}	W	0
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			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)

Electric engineering, automation, process control engineering / Low-voltage swi (ecl@ss10.0.1-27-37-12-10 [AKF028014])	tch technology / Com	nand and alarm devic	e / Front element for push-button actuators
Colour button		White	
Number of command positions		1	
Construction type lens		Round	
Hole diameter	mm	22.5	
Width opening	mm	0	
Height opening	mm	0	
Type of button		Flat	
Suitable for illumination		Yes	
With protective cover		No	
Labelled		Yes	
Switching function latching		Yes	
Spring-return		Yes	
With front ring		Yes	
Material front ring		Plastic	
Colour front ring		Black	

Degree of protection (IP), front side	IP67/IP69K
Degree of protection (NEMA), front side	4X
0	
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

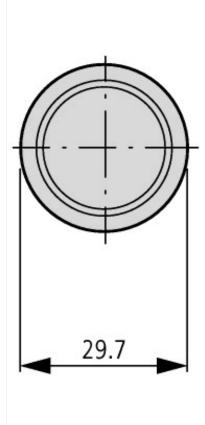
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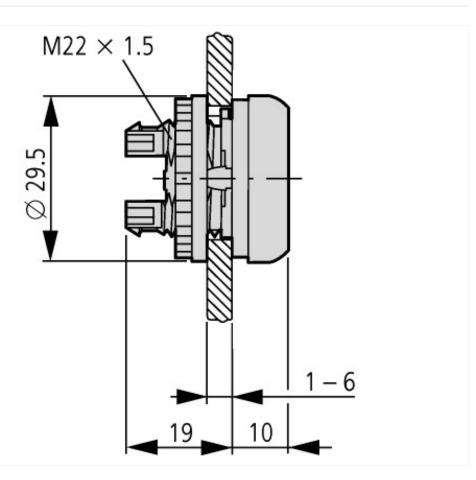
UL listed, CSA certified

UL/CSA Type 3R, 4X, 12, 13



Dimensions





Assets (links)

Declaration of CE Conformity 00003256

Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2018_10.pdf System