DATASHEET - M22-DRL-W



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

Powering Business Worldwide*



Part no. M22-DRL-W Catalog No. 216944 Alternate Catalog M22-DRL-W0

No.

EL-Nummer 4355347

(Norway)

Delivery program

Basic function Mounting hole diameter Single unit/Complete unit Design Button plate button plate Button plate Button plate Button plate Button plate Connection to SmartWire-DT Billuminated pushbutton actuators Illuminated pushbutton actuators Inluminated pushbutton Inlum	Delivery program			
Mounting hole diameter Single unit/Complete unit Design Button plate button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Button plate Connection to SmartWire-DT Front dimensions To a plate To a plate To a plate Single unit Flush maintained White Blank Blank Blank Bezel: titanium yes with SWD-RMQ connections Front dimensions	Product range			RMQ-Titan
Single unit/Complete unit Design Button plate Blank Blank Poegree of Protection I P66, IP67, IP69 Bezel: titanium yes with SWD-RMQ connections Front dimensions 29,7	Basic function			Illuminated pushbutton actuators
Degree of Protection Front dimensions Flush maintained Flush maintained Mhite White White Blank Blank Connection to SmartWire-DT Front dimensions Flush maintained Mhite White White White Blank Blank Bezel: titanium yes with SWD-RMQ connections 29,7	Mounting hole diameter	Ø	mm	22.5
Button plate button plate Button plate Button plate Button plate Button plate Blank Degree of Protection Front ring Connection to SmartWire-DT Front dimensions maintained White White Blank 1P66, IP67, IP69 Bezel: titanium yes with SWD-RMQ connections 29,7	Single unit/Complete unit			Single unit
Button plate Button plate Button plate Button plate Button plate Blank Degree of Protection Front ring Connection to SmartWire-DT Front dimensions White White White White	Design			Flush
button plate Button plate Button plate Blank Degree of Protection Front ring Connection to SmartWire-DT Front dimensions White White White White Blank 1P66, IP67, IP69 Bezel: titanium yes with SWD-RMQ connections 29,7				maintained
Button plate Blank Degree of Protection IP66, IP67, IP69 Front ring Connection to SmartWire-DT Performance Tront dimensions Page 1 Page 2 Page 3 Page 3 Page 4 Page 4 Page 4 Page 4 Page 4 Page 4 Page 5 Page 5 Page 6 Page 7 Page 6 Page 7 Pa	Button plate			
Blank Degree of Protection IP66, IP67, IP69 Front ring Bezel: titanium yes with SWD-RMQ connections Front dimensions 29,7	button plate			White
Degree of Protection IP66, IP67, IP69 Front ring Bezel: titanium yes with SWD-RMQ connections Front dimensions 29,7	Button plate			
Front ring Connection to SmartWire-DT yes with SWD-RMQ connections Front dimensions 29,7				Blank
Connection to SmartWire-DT yes with SWD-RMQ connections Front dimensions 29,7	Degree of Protection			IP66, IP67, IP69
with SWD-RMQ connections Front dimensions 29,7	Front ring			Bezel: titanium
	Connection to SmartWire-DT			yes with SWD-RMQ connections
Instructions Stay-put/spring-return function can be changed on device	Front dimensions			29,7
	Instructions			Stay-put/spring-return function can be changed on device

Technical data

Genera

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







Design verification as per IEC/EN 61439

besign vermoution as per into, and or 100			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	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 component	: (FG000017) / Front element for	nush hutton (FC000221)

 $Electric \ engineering, \ automation, \ process \ control \ engineering \ / \ Low-voltage \ switch \ technology \ / \ Command \ and \ alarm \ device \ / \ Front \ element \ for \ push-button \ actuators$

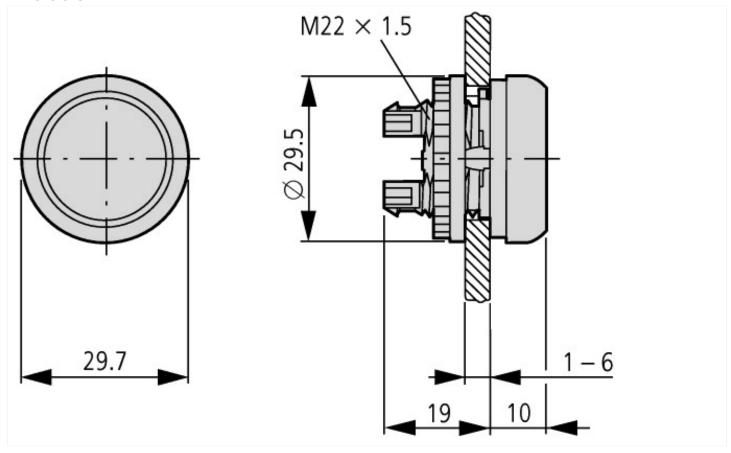
(ecl@ss10.0.1-27-37-12-10 [AKF028014])		
Colour button		White
Number of command positions		1
Construction type lens		Round
Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0

Type of button	Flat
Suitable for illumination	Yes
With protective cover	No
Labelled	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 (NEMA), 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



Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2018_10.pdf