DATASHEET - M22-DLH-A



 $Illuminated\ pushbutton\ actuator,\ RMQ-Titan,\ Extended,\ momentary,\ orange,\ Blank,\ Bezel:\ titanium$

Powering Business Worldwide*



Part no. M22-DLH-A Catalog No. 167433 Alternate Catalog M22-DLH-A

No.

EL-Nummer 4315273

(Norway)

Delivery program

Delivery program	
Product range	RMQ-Titan
Basic function	Illuminated pushbutton actuators
Single unit/Complete unit	Single unit
Design	Extended
	momentary
Button plate	
button plate	orange
Button plate	
	Blank
Degree of Protection	IP66, IP67, IP69
Front ring	Bezel: titanium
Connection to SmartWire-DT	yes with SWD-RMQ connections

Technical data

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Standards		IEC/EN 60947 VDE 0660
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
		Lloyd's Register DIV Germanischer Lloyd TYPE APPROVED

Design verification as per IEC/EN 61439

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 switch gear must be observed. $\label{eq:constraint}$
10.12 Electromagnetic compatibility			Is the panel builder's responsibility. The specifications for the switch gear must be observed. $\label{eq:constraint}$
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])

Labelled No Switching function latching No	(eci@ss10.0.1-21-31-12-10 [AKF028014])		
Construction type lensRoundHole diametermm22Width openingmm0Height openingmm0Type of buttonHighYesSuitable for illuminationYesNoWith protective coverNoNoLabelledNoNoSwitching function latchingYesNoSpring-returnYesYesWith front ringYesYesMaterial front ringYesYesColour front ringPlasticOtherDegree of protection (IP), front sideHP67/IP66K	Colour button		Other
Hole diametermm22Width openingmm0Height openingmm0Type of buttonHighHighSuitable for illuminationYesNoWith protective coverNoNoLabelledNoNoSwitching function latchingYesNoSpring-returnYesYesWith front ringYesYesMaterial front ringYesYesColour front ringHasticPlasticColour front ringOtherOtherDegree of protection (IP), front side1967//P69K	Number of command positions		1
Width openingmm0Height openingmm0Type of buttonHighSuitable for illuminationYesWith protective coverNoLabelledNoSwitching function latchingYesSpring-returnYesWith front ringYesMaterial front ringYesColour front ringHasticDegree of protection (IP), front sideHerof/P69K	Construction type lens		Round
Height opening mm 0 Type of button High Suitable for illumination Yes With protective cover With protective cover Labelled No Switching function latching No Spring-return With front ring Yes Material front ring Colour front ring Degree of protection (IP), front side	Hole diameter	mm	22
Type of button Suitable for illumination Ves With protective cover No Labelled No Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side High High High High High High High Hig	Width opening	mm	0
Suitable for illumination Yes With protective cover Labelled No Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Yes Plastic IP67/IP69K	Height opening	mm	0
With protective cover Labelled No Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side No	Type of button		High
LabelledNoSwitching function latchingNoSpring-returnYesWith front ringYesMaterial front ringPlasticColour front ringOtherDegree of protection (IP), front sideIP67/IP69K	Suitable for illumination		Yes
Switching function latchingNoSpring-returnYesWith front ringYesMaterial front ringPlasticColour front ringOtherDegree of protection (IP), front sideIP67/IP69K	With protective cover		No
Spring-return Yes With front ring Material front ring Plastic Colour front ring Other Degree of protection (IP), front side Yes Yes Plastic IP67/IP69K	Labelled		No
With front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Plastic Other IP67/IP69K	Switching function latching		No
Material front ring Plastic Colour front ring Other Degree of protection (IP), front side IP67/IP69K	Spring-return		Yes
Colour front ring Other Degree of protection (IP), front side IP67/IP69K	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Other
Degree of protection (NEMA), front side 4X	Degree of protection (IP), front side		IP67/IP69K
	Degree of protection (NEMA), front side		4X

Assets (links)

Declaration of CE Conformity

00003256

Additional product information (links)

IL04716002Z (AWA1160-1745) RMQ-Titan System

IL04716002Z (AWA1160-1745) RMQ-Titan System

 $ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2018_10.pdf$