DATASHEET - M22-DL-G-K10LED230-BVP



Illuminated pushbutton actuator, RMQ-Titan, flush, momentary, 1 NO, green, Blister pack for hanging $\,$



Part no. M22-DL-G-K10LED230-BVP

Catalog No. 132603

Alternate Catalog M22-DL-G-K10Q2-BVP

No

Delivery program

Product range		RMQ-Titan
Description		Blister pack for hanging. Complete practical solution. Can be ordered using a single article no.
Connection to SmartWire-DT		no
Equipment supplied		
1 m	lluminated pushbutton actuator nounting clamp ED element contact element	M22-DL-G M22-A M22-LED230-G M22-K10

Technical data

General

Ambient temperature Open	°C	-25 - +70	
shipping classification		DNV GL LR	
		DIV V Germanis	Lloyd's Register TYPE APPROVED

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	In	Α	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 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])

Color buttonMay be reformand positionsFeed ParameterGeneral ParameterWidth openingImage: March ParameterMay be reformed ParameterDegree of protection (NEMA), front sideMay be reformed ParameterMay be reformed ParameterMay be reformed ParameterMay be reformed Parameter	(66166616.6.1 27 67 12 16 [7 111 626611])		
Construction type lens Hole diameter Width opening Height opening Type of button Suitable for illumination With protective cover Labelled Switching function latching Syring-return With front ring Maerial front ring Colour front ring Degree of protection (IP), front side	Colour button		Green
Hole diameter Width opening Height opening Type of button Suitable for illumination With protective cover Labelled Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side	Number of command positions		1
Width openingmm0Height openingmm0Type of buttonFlatSuitable for illuminationYesWith protective coverYesLabelledNoSwitching function latchingYesSpring-returnYesWith front ringYesMaterial front ringYesColour front ringPlasticColour front ringChromeDegree of protection (IP), front sideHef	Construction type lens		Round
Height opening mm 0 Type of button Flat Suitable for illumination Yes 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	22.5
Type of button 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 I lat Yes Flat Yes Flat Yes No No Plastic Chrome I Pl67	Width opening	mm	0
Suitable for illumination Suitable for illumination With protective cover Labelled Labelled Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side With spring function (IP), front side Wes Yes Plastic Chrome Defree of protection (IP), front side Wes Plof7	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		Flat
Labelled Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side No No Yes Yes Yes Yes Plastic Chrome Degree of protection (IP), front side IP67	Suitable for illumination		Yes
Switching function latchingNoSpring-returnYesWith front ringYesMaterial front ringPlasticColour front ringChromeDegree of protection (IP), front sideIP67	With protective cover		
Spring-return Yes With front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Yes Plastic Chrome Degree of protection (IP), front side IP67	Labelled		No
With front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Plastic Chrome Chrome Degree of Protection (IP), front side IP67	Switching function latching		No
Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side IP67	Spring-return		Yes
Colour front ring Chrome Degree of protection (IP), front side IP67	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Chrome
Degree of protection (NEMA), front side 4X	Degree of protection (IP), front side		IP67
	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

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