DATASHEET - M22-DL-G-K10LED-BVP



Illuminated pushbutton actuators, complete device

Powering Business Worldwide

M22-DL-G-K10LED-BVP Part no. Catalog No. 110930

Alternate Catalog

M22-DL-G-K10LED-BVPQ

EL-Nummer 4356253

(Norway)

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 mo 1 LEI	minated pushbutton actuator ounting clamp D element ntact element	M22-DL-G M22-A M22-LED-G M22-K10

Technical data

General

General				
Ambient temperature				
Open	c	°C	-25 - +70	
shipping classification			DNV GL LR	
			Germanischer Lloyd	Lloyd's Register

Design verification as per IEC/EN 61439

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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	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	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])

Number of command positions 1 Construction type lens Round Hole diameter mm 22 Width opening mm 0 Height opening mm 0 Type of button Flat Yes Suitable for illumination Yes No With protective cover No No Labelled No No Switching function latching Yes Yes With front ring Yes Yes With front ring Yes Yes Material front ring Yes Plastic Colour front ring Chrome Chrome Degree of protection (IP), front side Fl87 Pl87	(ecl@ss10.0.1-27-37-12-10 [AKF028014])		
Construction type lens Hole diameter mm 22 Width opening mm 0 Height opening mm 0 Type of button Suitable for illumination Yes With protective cover With protective cover Labelled Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side Round Ro	Colour button		Green
Hole diameter mm 22 Width opening mm 0 Height opening mm 0 Type of button Flat Suitable for illumination Yes With protective cover Labelled No Switching function latching No Spring-return Yes With front ring Material front ring Colour front ring Degree of protection (IP), front side mm 22 mm 0 No Flat Ves No No No No Plastic Chrome Chrome Degree of protection (IP), front side	Number of command positions		1
Width openingmm0Height openingmm0Type of buttonFlatSuitable for illuminationYesWith protective coverNoLabelledNoSwitching function latchingNoSpring-returnYesWith front ringYesMaterial front ringYesColour front ringPlasticColour front ringChromeDegree of protection (IP), front sideHe67	Construction type lens		Round
Height opening mm 0 Type of button Flat Suitable for illumination Yes With protective cover No Labelled No Switching function latching No Spring-return Yes With front ring Plastic Colour front ring Plastic Colour front ring Plastic Degree of protection (IP), front side	Hole diameter	mm	22
Type of button Suitable for illumination Yes With protective cover No Labelled No Switching function latching No Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side Flat Yes Flat Yes No No Cland Plastic Chrome IP67	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 Indiana Yes No No Plastic Chrome IP67	Height opening	mm	0
With protective cover Labelled No Switching function latching No Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side No	Type of button		Flat
Labelled No Switching function latching No Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Plastic Colour front ring Plastic Colour front ring Plastic Degree of protection (IP), front side IP67	Suitable for illumination		Yes
Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side No Yes Yes Plastic Chrome IP67	With protective cover		No
Spring-return Yes With front ring Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side Personal Spring	Labelled		No
With front ring Waterial front ring Material front ring Plastic Colour front ring 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 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

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