DATASHEET - M22-WS3-2K10-BVP



Key-operated actuator, RMQ-Titan, momentary, 3 positions, 2 NO

Powering Business Worldwide

M22-WS3-2K10-BVP Part no. Catalog No. 110919

Alternate Catalog

EL-Nummer 4356242

(Norway)

M22-WS3-2K10-BVPQ

Delivery program

Product range	uct range	
Description		Blister pack for hanging. Complete practical solution. Can be ordered using a single article no.
Connection to SmartWire-DT		no
Equipment supplied		
1 key-opera 1 mounting 2 contact el		M22-WS3 M22-A M22-K10

Technical data

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

Design verification as per IEC/EN 61439

Technical data for design verification			
Rated operational current for specified heat dissipation	I_n	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 selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss10.0.1-27-37-12-13 [AKF031014])

Number of switch positions Type of control element Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Midth opening Midth opening Switching function latching Syring-return With front ring Material front ring Colour front ring Degree of protection (NEMA) No No			
Suitable for illumination Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Height opening Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side No Dther Round Ro	Number of switch positions		3
Colour control element Colour indicator light cap Construction type lens Hole diameter Width opening Mm Construction latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side Degree of protection (IP), front side Colour front ring Construction Identified Degree of protection (IP), front side Other Round Round Round Round Pastic Colour front No Ves Ves Plastic Chrome IP66	Type of control element		Key
Colour indicator light cap Construction type lens Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side Other Round No 22.5 Man 2 .	Suitable for illumination		No
Construction type lens Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching No Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side Round Plastic Chrome IP66	Colour control element		Black
Hole diameter Width opening mm 0 Height opening mm 0 Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side mm 10 A Passis Ves Yes Plastic Chrome Defice IP66	Colour indicator light cap		Other
Width opening mm 0 Height opening mm 0 Switching function latching No Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side mm 0 The protection (IP) front side mm 0 The protection (IP) front side pm 0 No Yes Yes Yes Chrome IP66	Construction type lens		Round
Height opening mm 0 Switching function latching No Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side Plastic	Hole diameter	mm	22.5
Switching function latching No Spring-return Yes With front ring Material front ring Colour front ring Degree of protection (IP), front side No Plastic Chrome IP66	Width opening	mm	0
Spring-return Yes With front ring Yes Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side Pes	Height opening	mm	0
With front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Plastic Chrome IP66	Switching function latching		No
Material front ring Plastic Colour front ring Chrome Degree of protection (IP), front side IP66	Spring-return		Yes
Colour front ring Chrome Degree of protection (IP), front side IP66	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Chrome
Degree of protection (NEMA) 4X	Degree of protection (IP), front side		IP66
	Degree of protection (NEMA)		4X