# DATASHEET - M22-DP-R-X0-K01-BVP



Mushroom actuator, RMQ-Titan, Mushroom, momentary, 1 NO, red, inscribed



Part no. Catalog No. 132623 No.

M22-DP-R-X0-K01-BVP Alternate Catalog M22-DP-R-X0-K01-BVPQ

#### **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   mushroom actu     1   mounting clamp     1   contact element	p M22-A

#### **Technical data** General

General			
Ambient temperature			
Open	°C	-25 - +70	
shipping classification		DNV GL LR	
		<b>J</b> DNV Germanischer Lloy	Lloyd's Register

## **Design verification as per IEC/EN 61439**

Design vernication as per 120/214 01455			
Technical data for design verification			
Rated operational current for specified heat dissipation	In	А	6
Heat dissipation per pole, current-dependent	P <sub>vid</sub>	W	0.11
Equipment heat dissipation, current-dependent	P <sub>vid</sub>	W	0
Static heat dissipation, non-current-dependent	P <sub>vs</sub>	W	0
Heat dissipation capacity	P <sub>diss</sub>	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 mushroom push-button (EC001038)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for mushroom push-button actuators (ecl@ss10.0.1-27-37-12-12 [AKF030014])

Color button   Perform   Rel     Construction type lens   Mm   Rod     Diameter cap   mm   S     Hed diameter   mm   S     With opening   mm   G     Digree of protection (IPC)   mm   G     Synche for diameter   mm   G     Stable for illumination   Mm   F     Synche for diameter   Mm   G     Synch for diameter   Mm   G </th <th></th> <th></th> <th></th>			
Diameter op       mm       3         Diameter op       mm       3         Hole diameter       mm       2.5         Widt opening       mm       0         Height opening       mm       0         Degree of protection (NEMA)       mm       166         Degree of protection (NEMA)       FM       167         Type of button       FM       163         Suitable for illumination       FM       163         Synthy function latching       FM       163         Synthy function       FM       164         Mit front ring       FM       164         Naterial front ring       FM       164         Colour front ring       FM       164         Stitble for emergency stop       FM       164	Colour button		Red
Hole diameter       Image: Book of the section	Construction type lens		Round
Midth opening       mm       G         Height opening       mm       0         Degree of protection (IP)       F67         Degree of protection (NEMA)       F64         Type of button       F64         Suitable for illumination       F64         Synthy function latching       F64         Synthy function latching       F64         With front ring       F64         Suitable for illumination       F64         Synthy function latching       F64         Synthy function latching       F64         Suitable for ring       F64         Suitable for ring       F64         Suitable for ring       F64         Suitable for remergency stop       F64	Diameter cap	mm	36
Height openingImmODegree of protection (NEMA)P67Degree of protection (NEMA)F1Type of buttonF1Suitable for illuminationF1Switching function latchingF1Spring-returnF1Material front ringF1Naterial front ringF1Suitable for illuminationF1Suitable for ingF1Suitable for ingF1<	Hole diameter	mm	22.5
Degree of protection (NEMA)P67Degree of protection (NEMA)P67Type of buttonFatSuitable for illuminationP60Switching function latchingP60Spring-returnVoWith front ringP60Material front ringP60Colour front ringP60Suitable for emergency stopP60Suitable for emergency stopP6	Width opening	mm	0
Degree of protection (NEMA)Image: Comparison of the second of	Height opening	mm	0
Type of buttonFatSuitable for illuminationNoSwitching function latchingSoSpring-returnNoSynth front ringYesMaterial front ringPlasticColour front ringChromeSuitable for emergency stopSo	Degree of protection (IP)		IP67
Suitable for illuminationNoSwitching function latchingNoSpring-returnNoWith front ringYesMaterial front ringPlasticColour front ringChromeSuitable for emergency stopMo	Degree of protection (NEMA)		
Switching function latchingMoSpring-returnYesWith front ringYesMaterial front ringYesColour front ringYesSuitable for emergency stopYesNoPlasticNoYesNoYesNoYesNoYes <td>Type of button</td> <td></td> <td>Flat</td>	Type of button		Flat
Spring-return   Yes     With front ring   Yes     Material front ring   Plastic     Colour front ring   Chrome     Suitable for emergency stop   Material	Suitable for illumination		No
With front ring   Yes     Material front ring   Plastic     Colour front ring   Chrome     Suitable for emergency stop   Material for throws	Switching function latching		No
Material front ring   Plastic     Colour front ring   Chrome     Suitable for emergency stop   Colour front	Spring-return		Yes
Colour front ring   Chrome     Suitable for emergency stop   Chrome	With front ring		Yes
Suitable for emergency stop	Material front ring		Plastic
	Colour front ring		Chrome
Unlocking method None	Suitable for emergency stop		No
	Unlocking method		None

### **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