## DATASHEET - M22-D-R-K10-BVP

Pushbutton, RMQ-Titan, flush, momentary, 1 NO, red, Blister pack for hanging



Part no.	M22-D-R-K10-BVP
	110935
EL Number	4356258
(Norway)	

## **General specifications**

General specifications	
Product name	Eaton Moeller® series M22 Pushbutton
Part no.	M22-D-R-K10-BVP
EAN	4015081104642
Product Length/Depth	50 millimetre
Product height	80 millimetre
Product width	50 millimetre
Product weight	0.025 kilogram
Compliances	CE
Certifications	GL LR DNV
Product Tradename	M22
Product Type	Pushbutton
Product Sub Type	None
Catalog Notes	Blister pack for hanging. Can be ordered using a single article no. Complete practical solution.
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Fitted with:	Front ring
General information	
Degree of protection (front side)	IP67 NEMA 4X
Opening diameter	22 mm
Product category	RMQ-Titan
Climatic environmental conditions	
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Communication	
Connection to SmartWire-DT	No
Actuator	
Actuator color	Red
Actuator function	Spring-return
Design verification	
Equipment heat dissipation, current-dependent Pvid	0 W
Heat dissipation capacity Pdiss	0 W
Heat dissipation per pole, current-dependent Pvid	0.11 W
Rated operational current for specified heat dissipation (In)	6 A
Static heat dissipation, non-current-dependent Pvs	0 W
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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.
10.9.2 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 9.0**

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@ss13-27-37-12-10 [AKF028019])

Number of command positions     Image: Point of the sector of th			
Construction type lens   Image: Real Additional State Stat	Colour button		Red
Hele diameternm2Width openingnm0Height openingnm0Type of buttonFmFalSutable for illuminationCSoWith protective coverMSoLabeledNoSoSyntag-freturnSoSoSyntag-freturnSoSoWith front ringSoSoMaterial front ringSoSoColour front ringSoSoBegree of protection (IP), front sideSoFalsionBegree of protection (IP), front sideSo	Number of command positions		1
Width openingmmiHeight openingmm0Type of buttonFaiFaiSuitable for illuminationMmNoWith protective coverMmNoLabelledNoNoSwitching function latchingMmNoSyring-returnMmNoWith front ringMmNoMaterial front ringMmNoColour front ringMmNoBegree of protection (IP), front sideMmNoMaterial front ringMmNoBegree of protection (IP), front sideMmNoBegree of protection (IP), front sideMmNoMmMmMmNoMm<	Construction type lens		Round
Height openingImmImmType of buttonFatSuitable for illuminationFatWith protective coverFatLabelledNoSwitching function latchingFatSpring-returnFatWith front ringFatMaterial front ringFatColour front ringFatBegee of protection (IP), front sideFatBegee of protection (IP), fr	Hole diameter	mm	22
Type of buttonFelSuitable for illuminationImage: Sector of the	Width opening	mm	0
Suitable for illuminationNoWith protective coverNoLabelledNoSwitching function latchingNoSpring-returnNoWith front ringSee See See See See See See See See See	Height opening	mm	0
With protective coverNoLabelledNoSwitching function latchingMoSpring-returnNoSpring-returnSecondWith front ringSecondMaterial front ringSecondColour front ringSecondDegree of protection (IP), front sideSecondSeco	Type of button		Flat
LabelledNoSwitching function latchingNoSpring-returnYesWith front ringYesNaterial front ringPlasticColour front ringImage: Spring-returnDegree of protection (IP), front sideImage: Spring-return	Suitable for illumination		No
Switching function latchingNoSpring-returnYesWith front ringYesMaterial front ringPlasticColour front ringImage: Spring for the	With protective cover		No
Spring-return Yes   With front ring Yes   Material front ring Plastic   Colour front ring Titanium   Degree of protection (IP), front side Image: Spring - Spri	Labelled		No
With front ringYesMaterial front ringMaterial front ringColour front ringMaterial front ringDegree of protection (IP), front sideMaterial for the protection (IP), front side	Switching function latching		No
Material front ringPlasticColour front ringTitaniumDegree of protection (IP), front sideIP67	Spring-return		Yes
Colour front ring Titanium   Degree of protection (IP), front side IP67	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Titanium
	Degree of protection (IP), front side		IP67
Degree of protection (NEMA), front side 4X	Degree of protection (NEMA), front side		4X