DATASHEET - M22-D-G-X1/K10

Pushbutton, RMQ-Titan, Flat, momentary, 1 N/O, green, inscribed, Bezel: titanium

Powering Business Worldwide

Part no.	**M22-D-G-X1/K10**
	216512
EL Number (Norway)	**4355285**

Product name	Eaton Moeller® series M22 Pushbutton
Part no.	M22-D-G-X1/K10
EAN	4015082165123
Product Length/Depth	70 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.026 kilogram
Certifications	UL Category Control No.: NKCR CSA-C22.2 No. 14-05 UL 508 IEC/EN 60947-5 UL File No.: E29184 CE VDE 0660 CSA-C22.2 No. 94-91 UL CSA File No.: 012528 CSA Class No.: 3211-03 CSA IEC/EN 60947 LR DNV GL
Product Tradename	M22
Product Type	Pushbutton
Product Sub Type	None
Bezel color	Titanium
Bezel material	Plastic
Design	Flat Classical
Electric connection type	Screw connection
Fitted with:	Front ring
Inscription	Inscribed
Degree of protection	NEMA 4X, 13 IP67/IP69K
Lifespan, mechanical	1,000,000 Operations (AC operated)
Opening diameter	22.5 mm
Operating frequency	1800 Operations/h
Overvoltage category	III
Pollution degree	3
Product category	RMQ-Titan
Size	Front dimensions: 22 x 22 mm
Type	Pushbutton actuator
Mounting position	As required
Shock resistance	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Ambient operating temperature - min	-25 °C
Ambient operating temperature - max	70 °C
Climatic proofing	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Rated conditional short-circuit current (Iq)		1 kA
Connection to SmartWire-DT		No
Connection type		Screw connection
Actuating force		5 N
Actuator color		Green
Actuator diameter		29.7 mm
Actuator function		Spring-return Momentary
Force for positive opening - min		0 N
Number of contacts (change-over contacts)		0
Number of contacts (normally closed contacts)		0
Number of contacts (normally open contacts)		1
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 8.0

Low-voltage industrial components (EG000017) / Push button, complete (EC001028)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Push-button actuator, complete unit (ecl@ss10.0.1-27-37-12-28 [AKF046014])

Number of command positions		1
Type of button		Flat
Colour button		Green
Construction type lens		Round
Hole diameter	mm	22.5
Width opening	mm	0

Height opening		mm	0
Suitable for illumination			No
Switching function latching			No
Spring-return			Yes
Supply voltage lamp		V	0
Number of contacts as normally open contact			1
Number of contacts as normally closed contact			0
Number of contacts as change-over contact			0
Type of electric connection			Screw connection
With front ring			Yes
Material front ring			Plastic
Colour front ring			Titanium
Degree of protection (IP)			IP67/IP69K
Degree of protection (NEMA)			4X, 13