## Pushbutton, RMQ-Titan, Flat, maintained, green, Blank, Bezel: titanium



Part no. M22-DR-G

216619

**EL Number** 4355608

(Norway)

(Norway)	
General specifications	
Product name	Eaton Moeller® series M22 Pushbutton
Part no.	M22-DR-G
EAN	4015082166199
Product Length/Depth	30 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.011 kilogram
Compliances	CE Marked
Certifications	UL 508 EN 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 IEC 60947-5 VDE IEC/EN 60947 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 UL VDE 0660 CSA CSA CSA Class No.: 3211-03 UL File No.: E29184 IEC/EN 60947-5 CE CSA File No.: 012528 LR GL DNV
Product Tradename	M22
Product Type	Pushbutton
Product Sub Type	None
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Design	Flat Classical
Fitted with:	Front ring
Functions	Stay-put/spring-return function can be changed on device
Inscription	Blank
General information	
Degree of protection	NEMA 13 NEMA 4X IP66 IP67 IP69K NEMA 12 NEMA 3R
Degree of protection (front side)	NEMA 4X IP67/IP69K
Lifespan, mechanical	1,000,000 Operations (AC operated)
Opening diameter	22.5 mm
Operating frequency	1800 Operations/h
Product category	RMQ-Titan
Size	Front dimensions: 22 x 22 mm
Туре	Pushbutton actuator
Ambient conditions, mechanical	
Mounting position	As required

Mechanical, According to IEC/EN 60068-2-27	Shock resistance	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
Ambient apparating temperature - min Ambient apparating temperature - max Ambient storage temperature - max Ambient storage temperature - max Ambient storage temperature - max Climate profing Damp bast, cyclis, to IEC 60088 2-30 Damp bast, cyclis, to IEC 60088 2-30 Damp bast, constant, to I	SHUCK resistance	
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Ambient storage temperature - max  Climatic profiling  Communication  Commodition  Commodition  Commodition  Commodition  Actuator  Actuator  Actuator of Green  Commodition  Comm	Ambient operating temperature - max	70 °C
Climatic proofing  Damp heat, ryselie, to IEC 60088 2-30  Damp heat, ryselie, to IEC 60088 2-30  Damp heat, resistant to IEC 60088 2-30  Actuator  Actuator function  Switching function latching Maintained  Actuator function  Double of the Actuator function  Actuator function  Double of the Actuator function  Equipment heat dissipation, current-dependent Pvid  Dav  Design varification  Dav  Heat dissipation, capacity Pvides  Dav  Heat dissipation on capacity Pvides  Dav  Heat dissipation on paper, Pvides  Dav  Dav  Heat dissipation on paper, Pvides  Dav  Dav  Dav  Heat dissipation on paper, Pvides  Dav  Dav  Dav  Dav  Dav  Dav  Dav  Da	Ambient storage temperature - min	40 °C
Damp heat, constant, to IEC 60089-2-78 Communication  Connection to ShartWee-DT  Actuator  Actuator  Actuator color  Actuator color  Actuator color  Actuator force  Actuator force  Actuator color  Actuator force  Actuator force  Actuator function  Beginn verification  Equipment heat dissipation, current-dependent Pvid  Actuator function on project function funct	Ambient storage temperature - max	80 °C
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10.2.4 Resistance to ultra-violet (UV) radiation  Please enquire  Does not apply, since the entire switchgear needs to be evaluated.  10.2.5 Lifting  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.  10.9.2 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  10.10 Temperature rise  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear must to observed.  10.12 Electromagnetic compatibility  Is the panel builder's responsibility. The specifications for the switchgear must to observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
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.  10.9.2 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  10.10 Temperature rise  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.12 Electromagnetic compatibility  The device meets the requirements, provided the information in the instruction	10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects	Meets the product standard's requirements.
10.2.6 Mechanical impact  10.2.7 Inscriptions  Meets the product standard's requirements.  10.3 Degree of protection of assemblies  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.  10.9.2 Power-frequency electric strength  Is the panel builder's responsibility.  10.9.3 Impulse withstand voltage  Is the panel builder's responsibility.  10.10 Temperature rise  Not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  10.9.1 Internal electrical circuits and connections  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.  10.10 Temperature rise  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.12 Electromagnetic compatibility  The device meets the requirements, provided the information in the instruction.	10.2.4 Resistance to ultra-violet (UV) radiation	Please enquire
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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.  10.10 Temperature rise  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.12 Electromagnetic compatibility  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
Meets the product standard's requirements.  10.5 Protection against electric shock  10.6 Incorporation of switching devices and components  10.7 Internal electrical circuits and connections  10.8 Connections for external conductors  10.9.2 Power-frequency electric strength  10.9.3 Impulse withstand voltage  10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  10.11 Short-circuit rating  10.12 Electromagnetic compatibility  10.13 Mechanical function  Meets the product standard's requirements.  Does not apply, since the entire switchgear needs to be evaluated.  10 Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Is the panel builder's responsibility.  Not applicable.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  The device meets the requirements, provided the information in the instruction.	10.2.7 Inscriptions	Meets the product standard's requirements.
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  Not applicable.  10.11 Short-circuit rating  Is the panel builder's responsibility. The specifications for the switchgear must be observed.  10.12 Electromagnetic compatibility  The device meets the requirements, provided the information in the instruction	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
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10.9.4 Testing of enclosures made of insulating material  10.10 Temperature rise  Not applicable.  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		
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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		
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	10.12 Electromagnetic compatibility	
	10.13 Mechanical function	

## **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])

Colour button		Green
Number of command positions		1
Construction type lens		Round
Hole diameter	mm	22.5

Width opening	mm	0
Height opening	mm	0
Type of button		Flat
Suitable for illumination		No
With protective cover		No
Labelled		No
Switching function latching		Yes
Spring-return		No
With front ring		Yes
Material front ring		Plastic
Colour front ring		Titanium
Degree of protection (IP), front side		IP67/IP69K
Degree of protection (NEMA), front side		4X