

**Changeover switch, RMO-Titan, With thumb-grip, maintained, 2 positions, 1 N/O, Bezel: titanium**



**Part no. M22-WRK/K10**

**216518**

**EL Number  
(Norway)**

**4355291**

<b>General specifications</b>		
Product name		Eaton Moeller® series M22 Changeover switch
Part no.		M22-WRK/K10
EAN		4015082165185
Product Length/Depth		130 millimetre
Product height		30 millimetre
Product width		30 millimetre
Product weight		0.028 kilogram
Certifications		CSA File No.: 012528 CE CSA UL 508 IEC/EN 60947 CSA-C22.2 No. 94-91 UL VDE 0660 UL Category Control No.: NKCR UL File No.: E29184 IEC/EN 60947-5 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 GL LR DNV
Product Tradename		M22
Product Type		Changeover switch
Product Sub Type		None
<b>Features &amp; Functions</b>		
Bezel color		Titanium
Bezel material		Plastic
Design		With thumb-grip Classical
Electric connection type		Screw connection
Fitted with:		Front ring
Functions		Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
<b>General information</b>		
Degree of protection		NEMA 12 IP66
Lifespan, mechanical		100,000 Operations
Opening diameter		22.5 mm
Operating frequency		2000 Operations/h
Operating torque		0.3 N-m
Size		Front diameter: 29.7 mm
Switching angle		60 °
Type		Selector switch actuator
<b>Ambient conditions, mechanical</b>		
Mounting position		As required
Shock resistance		30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
<b>Climatic environmental conditions</b>		
Ambient operating temperature - min		-25 °C
Ambient operating temperature - max		70 °C
Climatic proofing		Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

<b>Electrical rating</b>		
Supply voltage - max		0 V
<b>Communication</b>		
Connection to SmartWire-DT		No
Connection type		Screw connection
<b>Actuator</b>		
Actuator color		Black
Actuator function		Switching function latching Maintained
Actuator type		Toggle
Number of switch positions		2
<b>Contacts</b>		
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
<b>Design verification</b>		
Equipment heat dissipation, current-dependent Pvid		0 W
Heat dissipation capacity Pdis		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) / Selector switch, complete (EC001029)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Selector switch, complete unit (ecl@ss13-27-37-12-43 [ACN984016])		
Number of switch positions		2
Type of control element		Toggle
Suitable for illumination		No
With light source		No
Colour button		Black

Hole diameter	mm	22.5
Width opening	mm	0
Height opening	mm	0
Switching function latching		Yes
Spring-return		No
Degree of protection (IP)		IP66
Degree of protection (NEMA)		12
Supply voltage	V	0 - 0
Power loss	W	
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