## **DATASHEET - M22-WRK4**



## Selector switch, RMQ-Titan, With thumb-grip, maintained, 4 positions, Bezel: titanium $\,$

Part no. M22-WRK4

279431

EL Number (Norway)

4355456

(Norway)	
General specifications	
Product name	Eaton Moeller® series M22 Selector switch
Part no.	M22-WRK4
EAN	4015082794316
Product Length/Depth	45 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.016 kilogram
Compliances	CE Marked
Certifications	IEC/EN 60947 CSA File No.: 012528 CSA-C22.2 No. 14-05 UL CE UL File No.: E29184 CSA-C22.2 No. 94-91 IEC/EN 60947-5 UL Category Control No.: NKCR VDE 0660 CSA CSA Class No.: 3211-03 VDE UL 508 EN 60947-5 CSA Std. C22.2 No. 94-91 IEC 60947-5 CSA Std. C22.2 No. 14-05
Product Tradename	M22
Product Type	Selector switch
Product Sub Type	None
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Color	Black
Design	With thumb-grip
Fitted with:	Front ring
General information	
Accessories	Thumb-grip
Degree of protection	NEMA 4X, 13
Degree of protection (front side)	IP66
Lifespan, mechanical	100,000 Operations
Opening diameter	22.5 mm
Operating frequency	2000 Operations/h
Operating torque	0.3 N·m
Overvoltage category	III
Pollution degree	3
Product category	RMQ-Titan
Size	Front diameter: 29.7 mm
Туре	Selector switch actuator
Used with	M22-A4 fixing adapter
Ambient conditions, mechanical	
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

Ambient operating temperature - min Ambient operating temperature - max Ambient organize predictor - min Ambient strange temperature - max  Climate profiling Damp heat, constant, to IEC 60008-2-78 Damp heat, cycle, to IEC 60008-2-78 Damp	Climatic anniversatel conditions	
Ambient stange temperature - minx Description Communication Cornection to SmartWire DT Wes With SVID-RMD connections  Actuator Actuator Actuator Actuator Actuator Actuator Actuator Actuator Actuator roder	Climatic environmental conditions	
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Ambient storage temperature - max  Climate proofing  Damp heat, constant, to IEC 00058-2-78  Wes  With SWO-RMQ connections  Actuator color  Actuator function  Actuator function  Actuator function  Actuator function  Actuator positive grantee of switch positions  2  Contacts  Torgele  Number of switch positions  2  Contacts  Fegurement heat dissipation, current-dependent Pvid  Heat dissipation, current-dependent Pvid  Band operational current for specified heat dissipation to IV  Radid operational current for specified heat dissipation to IV  Radid operational current for specified heat dissipation to IV  102.2 Corrisoin one-current-dependent Pvid  Band operational current for specified heat dissipation to IV  102.2 Corrisoin one-current dependent Pvid  Band operational current for specified heat dissipation to IV  102.2 Corrisoin one-current dependent Pvid  Band operational current for specified heat dissipation to IV  102.2 Corrisoin one-current dependent Pvid  Band operational current for specified heat dissipation to IV  102.2 Corrisoin one-current dependent Pvid  Band operational current for specified heat dissipation to IV  102.3 Verification of resistance of insulating materials to normal heat  102.3 Resistance to ultra-violet (IVI) radiation  102.3 Resistance to ultra-violet (IVI) radiation  Please enquire  102.4 Resistance to ultra-violet (IVI) radiation  Dues not apply, since the entire switchpear needs to be evaluated.  103.7 Resistance and creapage distances  Meets the product standard's requirements.  104.8 Resistance to ultra-violet (IVI) radiation  Dues not apply, since the entire switchpear needs to be evaluated.  105.8 Inceptor of protection of assonibiles  Meets the product standard's requirements.  106.8 Resistance and creapage distances  Dues not apply, since the entire switchpear needs to be eva		
Climate proofing  Damp heat, constant, to IEC 60086-278  Communication  Connection to SinuritWire-DT  Ves With SWO-RMD connections  Actuator  Actuator Black  Actuator Black  Actuator Pope  Actuator Toppe  Topple  T	Ambient storage temperature - min	40 °C
Damp heat, cycle, to 16 60084-2-30  Comercian to SmartWare-DT  Actuator color  Actuator function  Actuator function  Actuator rolor  Actuator function  Actuator type  Actuator type  Toggle  Number of switch positions  Contacts  Force for positive expening - min  Design verification  Equipment heat dissipation, current dependent Pvid  OW  Rest dissipation capacity Priss  DW  Rest dissipation capacity Priss  DW  Rest dissipation, por-polity-current-dependent Pvid  OW  Rest dissipation, por-polity-current-dependent Pvid  OW  Rest dissipation, por-polity-current-dependent Pvid  OW  Rest dissipation, por-polity-current-dependent Pvid  Nation heat dissipation, por-polity-current-dependent Pvid  DW  Rest dissipation of project, current-dependent Pvid  Rest dissipation (program)  10.2.2 Verification of resistance of themal stability of anclosures  10.2.2.3 Verification of resistance of themal stability of anclosures  10.2.3.2 Verification of resistance of themal stability of anclosures  10.2.3.2 Verification of resistance of themal stability of anclosures  10.2.3.2 Verification of resistance of themal stability of anclosures  10.2.3.2 Verification of resistance of themal stability of anclosures  10.2.3.2 Verification of resistance of themal stability of anclosures  10.3.2 Street of themal stability of anclosures  10.3.2 Resistance to other-violet (IVI) radiation  10.3.2 Street on an analysis ance the entire switchpear needs to be evaluated.  10.4 Degrae of production of assemblies  10.4 Degrae of production of assemblies  10.5 Responsibility, since the entire switchpear needs to be evaluated.  10.6 Responsibility  10.8 Responsibility  10.9 Responsibility  10.1 Sheet-circular range of selections for the evaluated of the panel builder's responsibility.  10.1 Sheet-circular range of conspanibility  10.1 Sheet-circular range of conspanibility  10.2 Sheet-shaned function  10.3 Responsibility, The specifications for the evit-chepar must be observed.  10.4 The evidence means to be evaluated.  10.5 The device means the require	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.  10.2.6 Mechanical impact  Does not apply, since the entire switchgear needs to be evaluated.  10.2.7 Inscriptions  Meets the product standard's requirements.  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  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	10.2.3.2 Verification of resistance of insulating materials to normal heat	Meets the product standard's requirements.
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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	10.9.3 Impulse withstand voltage	Is the panel builder's responsibility.
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	10.9.4 Testing of enclosures made of insulating material	Is the panel builder's responsibility.
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observed.  10.13 Mechanical function  The device meets the requirements, provided the information in the instruction	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	

## **Technical data ETIM 9.0**

Low-voltage industrial components (EG000017) / Front element for selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss13-27-37-12-13 [AKF031019])

[AKF031019])	
Number of switch positions	2
Type of control element	Toggle
Suitable for illumination	No
Colour control element	Black

Colour indicator light cap			Other
Construction type lens			Round
Hole diameter	n	mm	22.5
Width opening	n	mm	0
Height opening	n	mm	0
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			IP66
Degree of protection (NEMA)			4X, 13