DATASHEET - M22-WKV



Selector switch, RMQ-Titan, With thumb-grip, maintained, 2 positions (V position), Bezel: titanium ${\bf V}$

Part no. M22-WKV

216874

EL Number (Norway) 4355320

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General specifications	
Product name	Eaton Moeller® series M22 Selector switch
Part no.	M22-WKV
EAN	4015082168742
Product Length/Depth	46 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.013 kilogram
Compliances	CE Marked
Certifications	UL 508 DNV UL File No.: E29184 CSA Std. C22.2 No. 94-91 EN 60947-5 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 CSA File No.: 012528 IEC 60947-5 CE UL CSA Class No.: 3211-03 GL VDE LR IEC/EN 60947-5 CSA-C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 IEC/EN 60947 CSA VDE 0660
Product Tradename	M22
Product Type	Selector switch
Product Sub Type	None
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Color	Black

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Product Tradename	M22
Product Type	Selector switch
Product Sub Type	None
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Color	Black
Design	Classical With thumb-grip
Fitted with:	Front ring
Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
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
Switching angle	60 °
Туре	Selector switch actuator

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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. 10.8 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	10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs to be evaluated.
10.4 Clearances and creepage distances 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. Is the panel builder's responsibility. In the panel builder's responsibility. In the specifications for the switchgear must be observed. In the device meets the requirements, provided the information in the instruction	10.2.7 Inscriptions	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 10.13 Mechanical function Does not apply, since the entire switchgear needs to be evaluated. 10 sthe panel builder's responsibility. 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	10.3 Degree of protection of assemblies	Does not apply, since the entire switchgear needs to be evaluated.
10.6 Incorporation of switching devices and components 10.7 Internal electrical circuits and connections 1s the panel builder's responsibility. 10.8 Connections for external conductors 1s the panel builder's responsibility. 10.9.2 Power-frequency electric strength 1s the panel builder's responsibility. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed. 1s the panel builder's responsibility. The specifications for the switchgear must be observed.	10.4 Clearances and creepage distances	Meets the product standard's requirements.
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 1 Is the panel builder's responsibility. 1 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 1 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 1 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 1 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 1 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 1 Is the panel builder's responsibility. The specifications for the switchgear must be observed.	10.5 Protection against electric shock	Does not apply, since the entire switchgear needs to be evaluated.
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 10.13 Mechanical function 10.14 Strength Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 Observed. 10.16 The panel builder's responsibility. The specifications for the switchgear must be observed. 10.17 The device meets the requirements, provided the information in the instruction	10.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs to be evaluated.
10.9.2 Power-frequency electric strength 10.9.3 Impulse withstand voltage 10.9.4 Testing of enclosures made of insulating material 10.9.4 Testing of enclosures made of insulating material 10.10 Temperature rise Not applicable. 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.12 Electromagnetic compatibility 10.13 Mechanical function 10.14 Mechanical function 10.15 We panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 We panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 We panel builder's responsibility. The specifications for the switchgear must be observed. 10.16 We panel builder's responsibility. The specifications for the switchgear must be observed.	10.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
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 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	10.8 Connections for external conductors	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 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	10.9.2 Power-frequency electric strength	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	10.9.3 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.
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	10.10 Temperature rise	Not applicable.
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])

Togle Suitable for illumination Suitable for			
Suitable for illumination Colour control element Colour indicator light cap Construction type lens Construction ty	Number of switch positions		2
Colour control element Colour indicator light cap Construction type lens Construction type	Type of control element		Toggle
Colour indicator light cap Construction type lens Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching Spring-return With front ring Waterial front ring Colour front ring Degree of protection (IP), front side	Suitable for illumination		No
Construction type lens Hole diameter Mmm	Colour control element		Black
Hole diameter mm 22.5 Width opening mm 0 Height opening mm 0 Switching function latching Yes Spring-return No With front ring Yes Material front ring Plastic Colour front ring Plastic Degree of protection (IP), front side Plastic	Colour indicator light cap		Other
Midth opening mm 0 Height opening mm 0 Switching function latching Spring-return No With front ring Yes Material front ring Plastic Colour front ring Degree of protection (IP), front side mm 0 Yes Yes Plastic Titanium IP66	Construction type lens		Round
Height opening mm 0 Switching function latching Yes Spring-return No With front ring Yes Material front ring Plastic Colour front ring Plastic Colour front ring Plastic Degree of protection (IP), front side IP66	Hole diameter	mm	22.5
Switching function latching Switching function latching Spring-return No With front ring Waterial front ring Plastic Colour front ring Degree of protection (IP), front side Yes Yes Yes Yes Yes Yes Yes Y	Width opening	mm	0
Spring-return No With front ring Yes Material front ring Colour front ring Degree of protection (IP), front side No No Yes Plastic Titanium IP66	Height opening	mm	0
With front ring Waterial front ring Material front ring Plastic Colour front ring Degree of protection (IP), front side IP66	Switching function latching		Yes
Material front ring Plastic Colour front ring Titanium Degree of protection (IP), front side IP66	Spring-return		No
Colour front ring Titanium Degree of protection (IP), front side IP66	With front ring		Yes
Degree of protection (IP), front side	Material front ring		Plastic
	Colour front ring		Titanium
Degree of protection (NEMA) 4X, 13	Degree of protection (IP), front side		IP66
	Degree of protection (NEMA)		4X, 13