$Change over \ switch, \ RMQ-Titan, \ With \ rotary \ head, \ maintained, \ 2$ positions, inscribed, Bezel: titanium



Part no. M22-WR 216855

(Norway)

EL Number 4355314

General specifications	
Product name	Eaton Moeller® series M22 Changeover switch
Part no.	M22-WR
EAN	4015082168551
Product Length/Depth	43 millimetre
Product height	30 millimetre
Product width	30 millimetre
Product weight	0.013 kilogram
Compliances	CE Marked
Certifications	EN 60947-5 UL 508 IEC 60947-5 CSA Std. C22.2 No. 14-05 CSA Std. C22.2 No. 94-91 VDE VDE 0660 CE UL Category Control No.: NKCR UL File No.: E29184 CSA CSA File No.: 012528 IEC/EN 60947-5 IEC/EN 60947 UL CSA-C22.2 No. 14-05 CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 GL LR DNV
Product Tradename	M22
Product Type	Changeover switch
Product Sub Type	None
Features & Functions	
Bezel color	Titanium
Bezel material	Plastic
Color	Black
Design	With rotary head Classical
Fitted with:	Front ring
Functions	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
Inscription	Inscribed
General information	
Accessories	Rotary head
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
Product category	RMQ-Titan
Size	Front diameter: 29.7 mm
Switching angle	60°
Туре	Selector switch actuator

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10.27 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. 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	10.2.5 Lifting	Does not apply, since the entire switchgear needs to be evaluated.
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 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 Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. Does not apply, since the entire switchgear needs to be evaluated. 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	10.2.6 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. 10 be evaluated. 11 be panel builder's responsibility. 12 Is the panel builder's responsibility. 13 Is the panel builder's responsibility. 14 Is the panel builder's responsibility. 15 Is the panel builder's responsibility. 16 Is the panel builder's responsibility. 17 Is the panel builder's responsibility. 18 Is the panel builder's responsibility. 19 Is the panel builder's responsibility. 10 Is the panel builder's responsibility. 10 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10 Is the panel builder's responsibility. The specifications for the switchgear must be observed.	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 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 be evaluated. 10 the panel builder's responsibility. 11 the panel builder's responsibility. 12 the panel builder's responsibility. 13 the panel builder's responsibility. 14 the panel builder's responsibility. The specifications for the switchgear must be observed. 15 the panel builder's responsibility. The specifications for the switchgear must be observed. 16 the panel builder's responsibility. The specifications for the switchgear must be observed. 17 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. 1c.9.3 Impulse withstand voltage 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 10.13 Mechanical function 10.14 Steppen builder's responsibility. 10.15 Is the panel builder's responsibility. 10.16 Is the panel builder's responsibility. 10.17 Is the panel builder's responsibility. 10.18 Is the panel builder's responsibility. The specifications for the switchgear must be observed. 10.19 Mechanical function 10.19 The device meets the requirements, provided the information in the instruction	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 10.14 We have a panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 Mechanical function 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 10.10 Temperature rise 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Is the panel builder's responsibility. 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	10.7 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. Not applicable. 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	10.8 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 10.11 Short-circuit rating 10.12 Electromagnetic compatibility 10.13 Mechanical function Not applicable. 10.14 sthe panel builder's responsibility. The specifications for the switchgear must be observed. 10.15 the panel builder's responsibility. The specifications for the switchgear must be observed. 10.16 the panel builder's responsibility. The specifications for the switchgear must be observed.	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	
· · · · · · · · · · · · · · · · · · ·	10.12 Electromagnetic compatibility	
	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	Turn button

Colour control element Colour indicator light cap Construction type lens Hole diameter Mm 22.5 Width opening Mm 0 Switching function latching Spring-return With front ring Material front ring Colour front ring Degree of protection (IP), front side Black Other O				
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 Material front ring Colour front ring Degree of protection (IP), front side With room to the man of the	Suitable for illumination			No
Construction type lens Mound	Colour control element			Black
Hole diameter Midth opening Mm Degree of protection (IP), front side mm 22.5 22.5 Matching function latching Mm Degree of protection (IP), front side mm 22.5 Matching function latching Mm Degree of protection (IP), front side mm Degree of protection (IP), front side mm Degree of protection (IP) and protection (Colour indicator light cap			Other
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 Colour front ring Plastic Degree of protection (IP), front side 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 Titanium Degree of protection (IP), front side IP66	Hole diameter	m	nm	22.5
Switching function latching Switching function latching Yes Spring-return No With front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Itanium IP66	Width opening	m	nm	0
Spring-return No With front ring Yes Material front ring Plastic Colour front ring Titanium Degree of protection (IP), front side IP66	Height opening	m	nm	0
With front ring Material front ring Material front ring Colour front ring Degree of protection (IP), front side Yes Plastic Titanium 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