

RMQ TITAN MODULAR PILOT DEVICES  
216900



Overview



Specifications



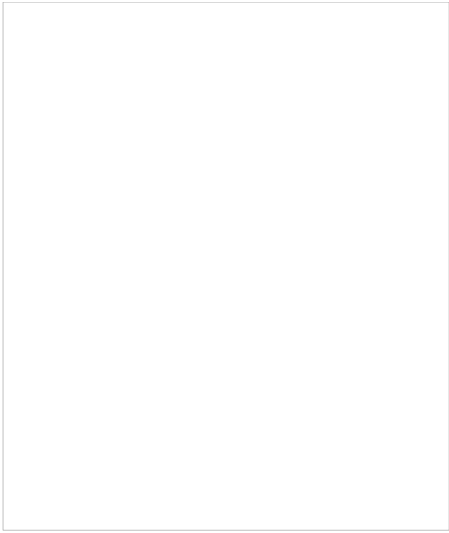
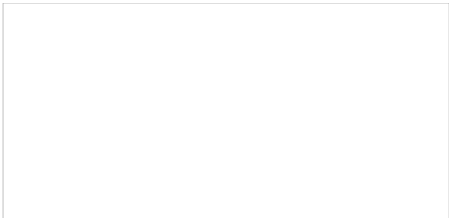
Resources

How to

# 216900

Eaton Moeller® series M22 Key-operated actuator  
Key withdrawable: I, 0, II, Bezel: titanium

Contact me about this product



## Designed to work together

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### 216376

Eaton Moeller® series M22 Contact element, Screw terminals, Front fixing, 1 N/O, 24 V 3 A, 220 V 230 V 240 V 6 A M22-K10

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### 216374

Eaton Moeller® series M22 Mounting clamp

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### 216378

Eaton Moeller® series M22 Contact element, Screw terminals, Front fixing, 1 NC, 24 V 3 A, 220 V 230 V 240 V 6 A M22-K01

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### 216384

Eaton Moeller® series M22 Contact element, Cage Clamp, Front fixing, 24 V 3 A, 220 V 230 V 240 V 6 A

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## GENERAL SPECIFICATIONS

General specifications	>	<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Key-operated actuator
		<b>CATALOG NUMBER</b>	216900
Product specifications	>	<b>MODEL CODE</b>	M22-WRS3
		<b>EAN</b>	4015082169008
		<b>PRODUCT LENGTH/DEPTH</b>	70 mm
		<b>PRODUCT HEIGHT</b>	30 mm
		<b>PRODUCT WIDTH</b>	30 mm
		<b>PRODUCT WEIGHT</b>	0.031 kg
		<b>COMPLIANCES</b>	CE Marked

<b>CERTIFICATIONS</b>	EN 60947-5
	CSA Std. C22.2 No. 14-05
	CSA Std. C22.2 No. 94-91
	IEC 60947-5
	UL 508
	VDE
	CSA-C22.2 No. 14-05
	CSA Class No.: 3211-03
	UL Category Control No.: NKCR
	UL
	UL File No.: E29184
	IEC/EN 60947
	CSA-C22.2 No. 94-91
	VDE 0660
CSA File No.: 012528	

## PRODUCT SPECIFICATIONS

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications must be observed.
<b>OPENING DIAMETER</b>	22.5 mm
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications must be observed.
<b>OPERATING TORQUE</b>	0.5 Nm

<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to
<b>DESIGN</b>	Key operated Classical
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>FITTED WITH:</b>	Front ring Plunger bridge for the middle contact
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP66
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>ACTUATOR TYPE</b>	Key
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>BEZEL COLOR</b>	Titanium
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>COLOR</b>	Black
<b>INDICATOR COLOR</b>	Other
<b>CONNECTION TO SMARTWIRE-DT</b>	Yes With SWD-RMQ connections
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to
<b>MOUNTING POSITION</b>	As required
<b>ACTUATOR FUNCTION</b>	Maintained Key withdrawable in position 2 Key withdrawable in position 0 Switching function latching Key withdrawable in position 1
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the instruction leaflet (IL) is observed.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>	Does not apply, since the entire switchgear needs to
<b>HEAT DISSIPATION PER POLE CURRENT DEPENDENT</b>	

<b>HEAT DISSIPATION CAPACITY PDISS, CURRENT-DEPENDENT PVID</b>	0 W
<b>OPERATING FREQUENCY</b>	100 Operations/h
<b>PRODUCT CATEGORY</b>	RMQ-Titan
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>ACCESSORIES</b>	1 key included with supplied equipment.
<b>WIDTH OPENING</b>	0 mm
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>LIFESPAN, MECHANICAL</b>	100,000 Operations
<b>BEZEL MATERIAL</b>	Plastic
<b>SWITCHING ANGLE</b>	60 °
<b>NUMBER OF SWITCH POSITIONS</b>	3
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>DEGREE OF PROTECTION</b>	NEMA 4X, 13
<b>ACTUATOR COLOR</b>	Black
<b>OPENING HEIGHT</b>	0 mm
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	Not applicable.
<b>FUNCTIONS</b>	Stay-put/spring-return function, can be changed with XC-Y
<b>SIZE</b>	Front diameter: 29.7 mm
<b>LENS TYPE</b>	Round
<b>TYPE</b>	Key-operated button
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>SHOCK RESISTANCE</b>	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27 11 ms

Brochures

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Catalogs

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Certification reports

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Drawings

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eCAD model

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Installation instructions

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Installation videos

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mCAD model

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System overview

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216900



Eaton is an intelligent power management company dedicated to improving the quality of life and protecting the environment for people everywhere. We are guided by our commitment to do business right, to operate sustainably and to help our customers manage power — today and well into the future. By capitalizing on the global growth trends of electrification and digitalization, we're accelerating the planet's transition to renewable energy and helping to solve the world's most urgent power management challenges.

