



**RMQ TITAN MODULAR PILOT DEVICES**  
**216521**



Overview

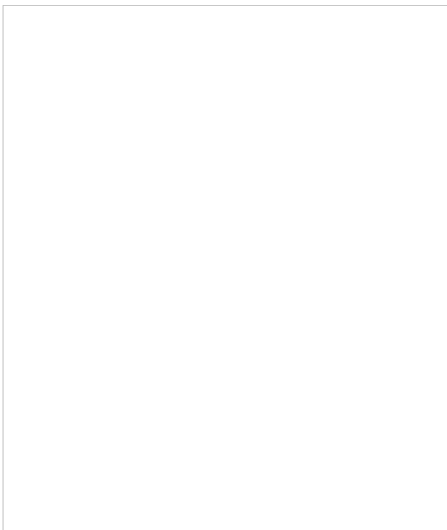
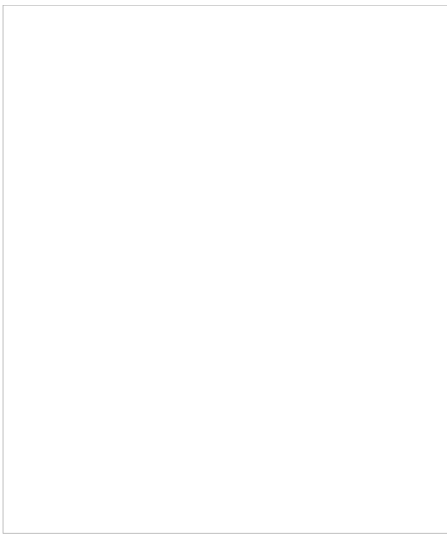


Specifications



Resources

How to

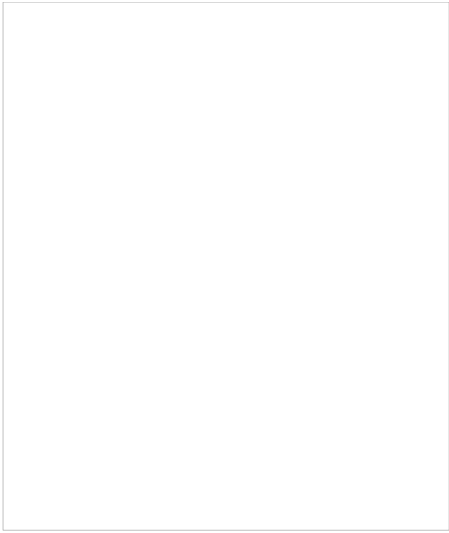
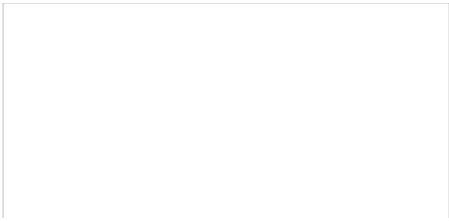


# 216521

Eaton Moeller® series M22 Pushbutton, RMQ-Titanium  
NC, 1 N/O, red, inscribed, 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 Pushbutton
		<b>CATALOG NUMBER</b>	216521
Product specifications	>	<b>MODEL CODE</b>	M22-D-R-X0/KC11/I
		<b>EAN</b>	4015082165215
		<b>PRODUCT LENGTH/DEPTH</b>	70 mm
		<b>PRODUCT HEIGHT</b>	70 mm
		<b>PRODUCT WIDTH</b>	72 mm
		<b>PRODUCT WEIGHT</b>	0.185 kg
		<b>CERTIFICATIONS</b>	IEC/EN 60947 VDE 0660 CSA CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 UL CSA-C22.2 No. 14-05 IEC/EN 60947-5 UL Category Control No.: NKCR CSA File No.: 012528 CE UL 508
		<b>CATALOG NOTES</b>	Contacts with safety function, by positive opening t

## PRODUCT SPECIFICATIONS

<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	6 A
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications must be observed.
<b>ENCLOSURE COLOR</b>	Gray
<b>NUMBER OF KEY SWITCHES</b>	0
<b>RAL-NUMBER</b>	7035
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN</b>	115 V
<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>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to
<b>DESIGN</b>	Enclosure

<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>RATED CONTROL SUPPLY VOLTAGE(US) ATDC - MIN</b>	24 V
<b>NUMBER OF PILOT LIGHTS</b>	0
<b>NUMBER OF SWITCHES (SELECTOR)</b>	0
<b>INSCRIPTION</b>	Inscribed
<b>RATED CONTROL SUPPLY VOLTAGE(US) AT AC, 50 HZ - MAX</b>	500 V
<b>FORCE FOR POSITIVE OPENING - MIN</b>	20 N
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>ACTUATOR TRAVEL AND ACTUATION FORCE(DIN EN 60947-5-1)</b>	4.8 mm
<b>RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)</b>	1 kA
<b>ACTUATING FORCE</b>	5 N
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>BEZEL COLOR</b>	Titanium
<b>CLIMATIC PROOFING</b>	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
<b>COLOR</b>	Light gray
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>KNOB TRAVEL</b>	5.7 mm
<b>NUMBER OF COMMAND POSITIONS</b>	1
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>RATED CONTROL SUPPLY VOLTAGE(US) ATDC - MAX</b>	220 V
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>KNOCKOUTS</b>	2 x M16 (cable entry knockouts at the base) 1 x M20 (cable entry knockout at the side) 2 x M25/20 (cable entry knockouts at the side)
<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>	Momentary

<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>NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)</b>	1
<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 PVID</b>	0.11 W
<b>NUMBER OF BUTTONS (MUSHROOM SHAPE)</b>	0
<b>OPERATING FREQUENCY</b>	1800 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>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>CONNECTION TYPE</b>	Screw connection
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>DEGREE OF PROTECTION</b>	IP67/IP69K NEMA 4X, 13
<b>NUMBER OF PUSHBUTTONS</b>	1
<b>ACTUATOR COLOR</b>	Red
<b>RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN</b>	115 V
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	The panel builder is responsible for the temperature Eaton will provide heat dissipation data for the devi
<b>SIZE</b>	Front dimensions: 22 x 22 mm
<b>ENCLOSURE MATERIAL</b>	Plastic
<b>TYPE</b>	Pushbutton actuator
<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>RATED CONTROL SUPPLY VOLTAGE(US) AT AC, 60 HZ - MAX</b>	500 V
<b>NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)</b>	1
<b>NUMBER OF LOCATIONS</b>	1
<b>NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)</b>	0
<b>LIFESPAN</b>	1,000,000 mechanical Operations
<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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Wiring diagrams

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