

RMQ TITAN MODULAR PILOT DEVICES
216720


Overview


Specifications


Resources

 How to

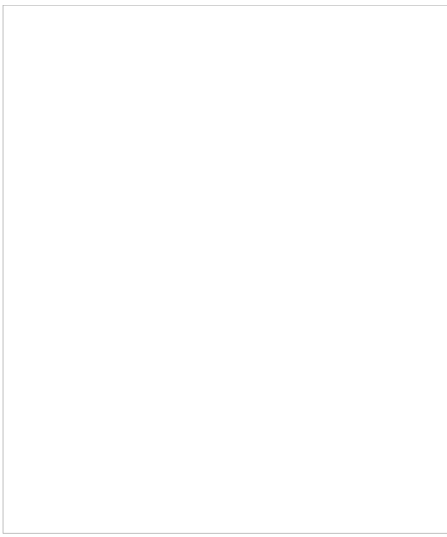


Photo is representative

216720

Eaton Moeller® series M22 Mushroom actuator, R momentary, Mushroom red, red, inscribed, Bezel: ti

[Contact me about this product](#)

Designed to work together

Discover other Eaton products and accessories built to enhance this product.

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

216374

Eaton Moeller® series M22 Mounting clamp

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

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

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PRODUCT NAME	Eaton Moeller® series M22 Mushroom actuator
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Product specifications

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CATALOG NUMBER	216720
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MODEL CODE	M22-DP-R-X0
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EAN	4015082167202
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PRODUCT LENGTH/DEPTH	37 mm
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PRODUCT HEIGHT	43 mm
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PRODUCT WIDTH	37 mm
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PRODUCT WEIGHT	0.016 kg
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CERTIFICATIONS

CSA Class No.: 3211-03
CSA-C22.2 No. 94-91
UL 508
IEC/EN 60947
VDE 0660
CE
UL File No.: E29184
CSA
CSA File No.: 012528
CSA-C22.2 No. 14-05
IEC/EN 60947-5
UL
UL Category Control No.: NKCR
DNV
GL
LR

PRODUCT SPECIFICATIONS

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
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10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications must be observed.
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OPENING DIAMETER	22.5 mm
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10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
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10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications must be observed.
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10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be lifted.
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DESIGN	Mushroom-shaped Classical
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10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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AMBIENT STORAGE TEMPERATURE - MIN	40 °C
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FRONT ELEMENT TYPE	Flat
FITTED WITH:	Front ring
INSCRIPTION	Inscribed
FORCE FOR POSITIVE OPENING - MIN	0 N
10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS	Is the panel builder's responsibility.
SUPPLY VOLTAGE LAMP	0 V
ACTUATING FORCE	5 N
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
BEZEL COLOR	Chrome
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	With SWD-RMQ connections Yes
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to
MOUNTING POSITION	As required
ACTUATOR FUNCTION	Spring-return Momentary
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the instruction leaflet (IL) is observed.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPERATING FREQUENCY	3600 Operations/h
PRODUCT CATEGORY	RMQ-Titan
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W
DIAMETER CAB	26.5 mm

DIAMETER CAP	30.5 mm
WIDTH OPENING	0 mm
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
LIFESPAN, MECHANICAL	5,000,000 Operations
BEZEL MATERIAL	Plastic
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
DEGREE OF PROTECTION	IP67/IP69K NEMA 4X, 13
ACTUATOR COLOR	Red
OPENING HEIGHT	0 mm
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.10 TEMPERATURE RISE	Not applicable.
SIZE	Front dimensions: 22 x 22 mm
LENS TYPE	Round
TYPE	Mushroom-headed pushbutton
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
UNLOCKING METHOD	None
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27 11 ms Mechanical, According to IEC/EN 60068-2-27

Brochures

Catalogs

Certification reports

Drawings

eCAD model

Installation instructions

Installation videos

mCAD model

System overview

216720



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.