

Specifications



Photo is representative

Eaton 216712

Eaton Moeller® series M22 Mushroom actuator, RMQ-Titan, Mushroom, momentary, Mushroom black, black, Blank, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Mushroom actuator
CATALOG NUMBER	216712
MODEL CODE	M22-DP-S
EAN	4015082167127
PRODUCT LENGTH/DEPTH	37 mm
PRODUCT HEIGHT	43 mm
PRODUCT WIDTH	37 mm
PRODUCT WEIGHT	0.016 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	IEC 60947-5 EN 60947-5 UL 508 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 VDE CSA-C22.2 No. 94-91 IEC/EN 60947 CSA CSA Class No.: 3211-03 CSA File No.: 012528 UL VDE 0660 CE IEC/EN 60947-5 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 UL File No.: E29184 DNV GL LR
GLOBAL CATALOG	216712



Powering Business Worldwide

Product specifications

TYPE	Mushroom-headed pushbutton
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Spring-return Momentary
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 leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
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.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Please enquire
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 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.

Resources

CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
	Flip catalog - Product Range Catalog - Command and indication
	eaton-rmq-titan-brochure-br047004en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-pushbutton-declaration-of-conformity-eu250857en.pdf
	eaton-pushbutton-declaration-of-conformity-eu250858en.pdf
	eaton-operating-m22-mushroom-actuator-dimensions-002.eps
	eaton-operating-m22-mushroom-actuator-dimensions.eps
DRAWINGS	eaton-operating-button-symbol-005.eps
	eaton-general-m22-symbol.eps
	eaton-general-m22-standards.eps
	eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.216712.edz
FLYERS	eaton-rmq-titan-selection-aid-brochure-fi047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL04716002Z
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	DA-CS-pilzdrucktaste
	DA-CD-pilzdrucktaste
MULTIMEDIA	MCI MultiColor Light Indicator RMQ compact solution

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.
FITTED WITH:	Front ring
OPERATING FREQUENCY	3600 Operations/h
BUTTON COLOR	Black
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	With SWD-RMQ connections Yes
ACTUATING FORCE	5 N
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C
DIAMETER CAP	36.5 mm
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
FORCE FOR POSITIVE OPENING - MIN	0 N
HEAT DISSIPATION CAPACITY PDISS	0 W

<u>MCI Multicolor Light Indicator M22 with SmartWire-DT</u>
<u>easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</u>
<u>RMQ small E-Stop emergency-stop button</u>
<u>eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</u>
<u>eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</u>
<u>eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</u>
<u>eaton-control-circuit-devices rmq-titan-fl144090en-en-us.pdf</u>
SALES NOTES

HEAT DISSIPATION PER**POLE, CURRENT-DEPENDENT PVID** 0 W**OPENING DIAMETER** 22.5 mm**OPENING HEIGHT** 0 mm**RATED OPERATIONAL****CURRENT FOR SPECIFIED** 0 A**HEAT DISSIPATION (IN)****BEZEL COLOR** TitaniumMechanical, According to
IEC/EN 60068-2-27**SHOCK RESISTANCE**
30 g, Mechanical,
According to IEC/EN
60068-2-27, Sinusoidal
shock 11 ms**BEZEL MATERIAL** Plastic**DESIGN** Mushroom-shaped
Classical**MOUNTING POSITION** As required**DEGREE OF PROTECTION** IP67/IP69K
NEMA 4X, 13**INSCRIPTION** Blank**FRONT ELEMENT TYPE** Flat**LENS TYPE** Round**LIFESPAN, MECHANICAL** 5,000,000 Operations**STATIC HEAT****DISSIPATION, NON-CURRENT-DEPENDENT** 0 W**PVS****WIDTH OPENING** 0 mm**PRODUCT CATEGORY** RMQ-Titan**SIZE** Front dimensions: 22 x 22
mm**SUPPLY VOLTAGE LAMP** 0 V**UNLOCKING METHOD** None

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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