## Specifications



## Eaton 216719

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

General specification	S
PRODUCT NAME	Eaton Moeller® series M22 Mushroom actuator
CATALOG NUMBER	216719
MODEL CODE	M22S-DP-Y
EAN	4015082167196
PRODUCT LENGTH/DEPTH	37 mm
PRODUCT HEIGHT	43 mm
PRODUCT WIDTH	37 mm
PRODUCT WEIGHT	0.016 kg
CERTIFICATIONS	VDE 0660 CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 UL 508 IEC/EN 60947-5 UL UL File No.: E29184 CSA File No.: 012528 IEC/EN 60947 CSA UL Category Control No.: NKCR CE CSA Class No.: 3211-03 DNV GL LR
GLOBAL CATALOG	216719



Product specification	S
ТҮРЕ	Mushroom-headed pushbutton
ACTUATOR COLOR	Yellow
ACTUATOR FUNCTION	Momentary Spring-return
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-rmq-titan-brochure- br047004en-en-us.pdf
	eaton-pushbuttons-signal- towers-sensors- assortment-overview- catalog-ca047003en-en- us.pdf
	Flip catalog - Product Range Catalog - Command and indication
DECLARATIONS OF CONFORMITY	eaton-pushbutton- declaration-of-conformity- eu250857en.pdf
	eaton-pushbutton- declaration-of-conformity- eu250858en.pdf
DRAWINGS	eaton-operating-m22- mushroom-actuator- dimensions-002.eps
	eaton-operating-m22- mushroom-actuator- dimensions.eps
	eaton-general-approval- m22-symbol.eps
	eaton-general-m22- symbol.eps
	eaton-operating-button- symbol-008.eps
	eaton-general-m22- standards.eps
ECAD MODEL	ETN.216719.edz
FLYERS	eaton-rmq-titan-selection- aid-brochure-fl047002-en- us.pdf
INSTALLATION INSTRUCTIONS	<u>IL04716002Z</u>
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	DA-CS-pilzdrucktaste  DA-CD-pilzdrucktaste
MULTIMEDIA	RMQ small E-Stop emergency-stop button

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         CLIMATIC PROOFING       Damp heat, constant, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-30         CONNECTION TO SMARTWIRE-DT       With SWD-RMQ connections Yes         ACTUATING FORCE       5 N         AMBIENT OPERATING TEMPERATURE - MAX       25 °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 W </th <th></th> <th></th>		
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  FITTED WITH:  CONNECTION TO SMARTWIRE-DT  AMBIENT OPERATING TEMPERATURE - MIN AMBIENT STORAGE TEMPERATURE - MIN DIAMETER CAP EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID FORCE FOR POSITIVE OPENLING - MIN HEAT DISSIPATION CAPACITY PDISS  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.  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.  Does not apply, since the entire switchgear needs to be evaluated.  Is the panel builder's responsibility.  Is the panel build		· ·
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CLIMATIC PROOFING  60068-2-30 Damp heat, constant, to IEC 60068-2-78  With SWD-RMQ connections Yes  ACTUATING FORCE  5 N  AMBIENT OPERATING TEMPERATURE - MAX  AMBIENT OPERATING TEMPERATURE - MIN  AMBIENT STORAGE TEMPERATURE - MAX  AMBIENT STORAGE TEMPERATURE - MIN  DIAMETER CAP  60068-2-30 Damp heat, constant, to IEC 60068-2-78  With SWD-RMQ connections Yes  70 °C  80 °C  40 °C  40 °C  DIAMETER CAP  36.5 mm  EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID  FORCE FOR POSITIVE OPENING - MIN  HEAT DISSIPATION CAPACITY PDISS  0 W	OPERATING FREQUENCY	3600 Operations/h
CONNECTION TO Yes  Connections Yes  ACTUATING FORCE 5 N  AMBIENT OPERATING 70 °C  AMBIENT OPERATING 70 °C  AMBIENT STORAGE 80 °C  AMBIENT STORAGE TEMPERATURE - MAX  AMBIENT STORAGE 40 °C  DIAMETER CAP 36.5 mm  EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID  FORCE FOR POSITIVE OPENING - MIN  HEAT DISSIPATION CAPACITY PDISS  CONNECTIONS 700  CONNECTIONS 200	CLIMATIC PROOFING	60068-2-30 Damp heat, constant, to
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TEMPERATURE - MIN  DIAMETER CAP  36.5 mm  EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID  FORCE FOR POSITIVE OPENING - MIN  HEAT DISSIPATION CAPACITY PDISS  40 °C  40 °C  40 °C  O W		80 °C
EQUIPMENT HEAT DISSIPATION, CURRENT- DEPENDENT PVID  FORCE FOR POSITIVE OPENING - MIN  HEAT DISSIPATION CAPACITY PDISS  O W		40 °C
DISSIPATION, CURRENT- DEPENDENT PVID  FORCE FOR POSITIVE OPENING - MIN  HEAT DISSIPATION CAPACITY PDISS  0 W	DIAMETER CAP	36.5 mm
OPENING - MIN  HEAT DISSIPATION CAPACITY PDISS  0 W	DISSIPATION, CURRENT-	0 W
CAPACITY PDISS 0 W		0 N
HEAT DISSIPATION PER 0 W		0 W
	HEAT DISSIPATION PER	0 W

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

POLE, CURRENT- DEPENDENT PVID	
OPENING DIAMETER	22.5 mm
OPENING HEIGHT	0 mm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
ILLUMINATION	Non-illuminated
BEZEL COLOR	Black
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
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 PVS	0 W
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:	



## **Eaton Corporation plc**

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