Specifications



Photo is representative

Eaton 216728

Eaton Moeller® series M22 Mushroom actuator, RMQ-Titan, Mushroom, momentary, Mushroom black, Without button plate, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series M22 mushroom actuator
CATALOG NUMBER	216728
MODEL CODE	M22-DP-S-X
EAN	4015082167288
PRODUCT LENGTH/DEPTH	37 mm
PRODUCT HEIGHT	43 mm
PRODUCT WIDTH	37 mm
PRODUCT WEIGHT	0.016 kg
CERTIFICATIONS	IEC/EN 60947-5 UL 508 CSA-C22.2 No. 14-05 UL Category Control No.: NKCR UL File No.: E29184 CSA File No.: 012528 CE UL VDE 0660 CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 CSA IEC/EN 60947 DNV GL LR
GLOBAL CATALOG	216728
PRODUCT TYPE	Mushroom actuator

Product specifications

TYPE	Mushroom-headed pushbutton
ACTUATOR COLOR	Black
BEZEL	Silver
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.
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.

Resources

CATALOGS	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-double-actuator-pushbutton-declaration-of-conformity-eu251536en.pdf
DRAWINGS	eaton-operating-m22-mushroom-actuator-dimensions-002.eps eaton-operating-m22-mushroom-actuator-dimensions.eps eaton-general-m22-symbol.eps eaton-general-m22-standards.eps eaton-operating-button-symbol-005.eps eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.216728.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	DA-CS-pilzdrucktaste
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 216728

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, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections
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
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPENING DIAMETER	22.5 mm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
BEZEL COLOR	Titanium
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
COLOR	Black
BEZEL MATERIAL	Plastic
DESIGN	Mushroom-shaped Classical
MOUNTING POSITION	As required
DEGREE OF PROTECTION	IP67/IP69K NEMA 4X, 13

FRONT ELEMENT TYPE	Flat
LENS TYPE	Round
LIFESPAN, MECHANICAL	5,000,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 22 x 22 mm
UNLOCKING METHOD	None

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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