Specifications



Photo is representative



Eaton 216881

Eaton Moeller® series M22 Key-operated actuator, momentary, 2 positions, Key withdrawable: 0, Bezel: titanium

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 key-operated actuator
CATALOG NUMBER	216881
MODEL CODE	M22-WS
EAN	4015082168810
PRODUCT LENGTH/DEPTH	70 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.034 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-5 CSA Std. C22.2 No. 14-05 UL 508 CSA Std. C22.2 No. 94-91 IEC 60947-5 VDE VDE 0660 CSA CSA-C22.2 No. 94-91 CSA File No.: 012528 IEC/EN 60947 UL File No.: E29184 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CE IEC/EN 60947-5 UL UL Category Control No.: NKCR DNV GL LR
GLOBAL CATALOG	216881
PRODUCT TYPE	Key-operated actuator

Product specifications

TYPE	Key-operated button
ACCESSORIES	1 key included with supplied equipment.
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Spring-return Key withdrawable in position 0 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.

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-key-operated-actuator-declaration-of-conformity-eu251544en.pdf
DRAWINGS	eaton-operating-key-operated-actuator-dimensions-005.eps eaton-general-approval-m22-symbol.eps eaton-general-m22-symbol.eps eaton-general-m22-standards.eps
ECAD MODEL	ETN.216881.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	DA-CS-schluesseltaste_ms
PEP ECO-PASSPORT	eaton-front-element-for-selector-switches-pep-eato-00336-v0101-en.pdf
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 216881

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	100 Operations/h
POLLUTION DEGREE	3
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
ACTUATOR TYPE	Key
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
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
OPERATING TORQUE	0.5 Nm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SWITCHING ANGLE	40 °
BEZEL COLOR	Titanium
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
BEZEL MATERIAL	Plastic
DESIGN	Key operated

	Classical
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	NEMA 4X, 13
DEGREE OF PROTECTION (FRONT SIDE)	IP66
FUNCTIONS	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
INDICATOR COLOR	Other
LENS TYPE	Round
LIFESPAN, MECHANICAL	100,000 Operations
NUMBER OF SWITCH POSITIONS	2
SIZE	Front diameter: 29.7 mm
PRODUCT CATEGORY	RMQ-Titan

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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