Specifications







Eaton 216526

Eaton Moeller® series M22 Key-operated actuator, maintained, 2 positions 0, I, Bezel: titanium, 1 NC, 1 N/O, Enclosure

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 assembled key-operated button
CATALOG NUMBER	216526
MODEL CODE	M22-WRS/KC11/I
EAN	4015082165260
PRODUCT LENGTH/DEPTH	130 mm
PRODUCT HEIGHT	70 mm
PRODUCT WIDTH	72 mm
PRODUCT WEIGHT	0.2 kg
CERTIFICATIONS	CE IEC/EN 60947 UL 508 CSA Class No.: 3211-03 IEC/EN 60947-5 UL File No.: E29184 CSA CSA File No.: 012528 CSA-C22.2 No. 94-91 CSA-C22.2 No. 14-05 UL UL Category Control No.: NKCR VDE 0660
GLOBAL CATALOG	216526
PRODUCT TYPE	Assembled key-operated button

Product specifications

TYPE	• Housing • Key-operated button
ACCESSORIES	1 key included with supplied equipment.
ACTUATOR FUNCTION	Key withdrawable in position 0 Key withdrawable in position 1 Maintained
10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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	Does not apply, since the entire switchgear needs to be

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-pushbutton-declaration-of-conformity-uk260006en.pdf eaton-pushbutton-declaration-of-conformity-eu251543en.pdf
DRAWINGS	eaton-operating-m22-key-operated-actuator-dimensions.eps eaton-general-approval-m22-symbol.eps eaton-operating-button-symbol-007.eps eaton-general-m22-symbol.eps eaton-general-m22-standards.eps
ECAD MODEL	ETN.M22-WRS_KC11_I
INSTALLATION INSTRUCTIONS	IL04716003Z IL04716002Z
MCAD MODEL	bg_ws_aufbaug.stp
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 216526
WIRING DIAGRAMS	eaton-operating-contact-m22-key-operated-actuator-wiring-diagram.eps

SHOCK	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.
OPERATING FREQUENCY	100 Operations/h
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	No
ENCLOSURE MATERIAL	Plastic
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.8 mm
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	20 N
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.11 W
KNOB TRAVEL	5.7 mm
NUMBER OF ACTUATION DIRECTIONS	2
NUMBER OF BUTTONS (MUSHROOM SHAPE)	0
NUMBER OF COMMAND POSITIONS	1
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
NUMBER OF CONTACTS (NORMALLY OPEN	1

CONTACTS)	
NUMBER OF KEY SWITCHES	1
NUMBER OF LOCATIONS	1
NUMBER OF PILOT LIGHTS	0
NUMBER OF PUSHBUTTONS	0
ENCLOSURE COLOR	Gray
BEZEL COLOR	Titanium
NUMBER OF SWITCHES (SELECTOR)	1
OPERATING TORQUE	0.5 Nm
RAL-NUMBER	7035
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	500 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	115 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	500 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	115 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	220 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	24 V
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SWITCHING ANGLE	60 °
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front diameter: 29.7 mm
COLOR	Light gray
DESIGN	Enclosure
MOUNTING POSITION	As required
RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
CONNECTION TYPE	Screw connection
DEGREE OF PROTECTION	IP66 NEMA 4X, 13
FUNCTIONS	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
KNOCKOUTS	2 x M25/20 (cable entry knockouts at the side)

	1 x M20 (cable entry knockout at the side) 2 x M16 (cable entry knockouts at the base)
LIFESPAN	100,000 mechanical Operations
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
ENCLOSURE COVER COLOR	Gray

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

Eaton Corporation plc Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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