

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

Actuator

ACTUATOR FUNCTION	Key withdrawable in position 0
	Key withdrawable in position 1
	Maintained
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.8 mm
BEZEL COLOR	Titanium
DESIGN	Enclosure
ENCLOSURE COLOR	Gray
ENCLOSURE MATERIAL	Plastic
FUNCTIONS	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
KNOB TRAVEL	5.7 mm
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)
NUMBER OF ACTUATION DIRECTIONS	2
NUMBER OF COMMAND POSITIONS	1
NUMBER OF LOCATIONS	1
RAL-NUMBER	7035

Communication

CONNECTION TO SMARTWIRE-DT	No
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78

Design verification

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 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.

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
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HEAT DISSIPATION CAPACITY PDISS	0 W
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HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0.11 W
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RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A
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STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
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Electrical rating

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	500 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	115 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	500 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	115 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	220 V
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RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	24 V
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Short-circuit rating

RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
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General information

ACCESSORIES	1 key included with supplied equipment.
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DEGREE OF PROTECTION	IP66 NEMA 4X, 13
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LIFESPAN	100,000 mechanical Operations
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MOUNTING POSITION	As required
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OPERATING FREQUENCY	100 Operations/h
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OPERATING TORQUE	0.5 Nm
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PRODUCT CATEGORY	RMQ-Titan
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SIZE	Front diameter: 29.7 mm
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SWITCHING ANGLE	60 °
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TYPE	• Housing • Key-operated button
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Resources

[eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf](#)

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
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DECLARATIONS OF CONFORMITY	eaton-pushbutton-declaration-of-conformity-eu251543en.pdf
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	eaton-pushbutton-declaration-of-conformity-uk260006en.pdf
	eaton-operating-m22-key-operated-actuator-dimensions.eps
	eaton-general-m22-standards.eps
DRAWINGS	eaton-general-m22-symbol.eps
	eaton-general-approval-m22-symbol.eps
	eaton-operating-button-symbol-007.eps
ECAD MODEL	ETN.M22-WRS_KC11_I
INSTALLATION INSTRUCTIONS	IL04716002Z IL04716003Z
MCAD MODEL	eaton-enclosure-mcad-drawings-bg-ws-aufbaug.dwg
	bg_ws_aufbaug.stp
WIRING DIAGRAMS	eaton-operating-contact-m22-key-operated-actuator-wiring-diagram.eps

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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