

Specifications



Photo is representative



Eaton 111784

Eaton Moeller® series M22 Key-operated actuator, maintained, 2 positions, MS4, Key withdrawable: 0, Bezel: titanium

General specifications

Eaton Moeller® series M22 Key-operated actuator	
PRODUCT NAME	M22 Key-operated actuator
CATALOG NUMBER	111784
MODEL CODE	M22-WRS-MS4-A1
EAN	4015081113347
PRODUCT LENGTH/DEPTH	70 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.034 kg
CERTIFICATIONS	
UL Category Control No.: NKCR	
CSA-C22.2 No. 94-91	
IEC/EN 60947	
CSA	
UL	
CSA File No.: 012528	
CSA Class No.: 3211-03	
CSA-C22.2 No. 14-05	
IEC/EN 60947-5	
UL 508	
UL File No.: E29184	
CE	
VDE 0660	
DNV	
GL	
LR	
GLOBAL CATALOG	111784

Product specifications

TYPE	Key-operated button
ACCESSORIES	1 key included with supplied equipment.
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Maintained Key withdrawable in position 0 Switching function latching
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.

Resources

CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf Flip catalog - Product Range Catalog - Command and indication eaton-rmq-titan-brochure-br047004en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-key-operated-actuator-declaration-of-conformity-eu250865en.pdf eaton-pushbutton-declaration-of-conformity-eu250858en.pdf
DRAWINGS	eaton-operating-key-operated-actuator-dimensions-005.eps eaton-general-m22-symbol.eps eaton-general-m22-standards.eps eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.111784.edz
FLYERS	eaton-rmq-titan-selection-aid-brochure-fi047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL04716002Z
INSTALLATION VIDEOS	RMQ Flat Design DA-CS-schluesseltaste_ms DA-CD-schluesseltaste_ms
MCAD MODEL	MCI MultiColor Light Indicator RMQ compact solution RMQ small E-Stop emergency-stop button MCI Multicolor Light Indicator M22 with SmartWire-DT
MULTIMEDIA	

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.
FITTED WITH:	Front ring
OPERATING FREQUENCY	100 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
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-	0 W

SALES NOTES	easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator
	eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf
	eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
	eaton-control_circuit-devices rmq-titan-fl144090en-en-us.pdf
	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf

DEPENDENT PVID

OPENING DIAMETER	22.5 mm
OPENING HEIGHT	0 mm
OPERATING TORQUE	0.5 Nm

RATED OPERATIONAL

CURRENT FOR SPECIFIED	0 A
HEAT DISSIPATION (IN)	

STATIC HEAT

DISSIPATION, NON-CURRENT-DEPENDENT	0 W
PVS	

SWITCHING ANGLE	60 °
WIDTH OPENING	0 mm

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

KEY CODE	MS4
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:



Eaton Corporation plc

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

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