



Eaton 216594

Eaton Moeller® series M22 Pushbutton,
RMQ-Titan, Flat, momentary, red, Blank,
Bezel: titanium

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PRODUCT NAME	Eaton Moeller® series M22 Pushbutton
CATALOG NUMBER	216594
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.009 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	UL 508 IEC 60947-5 EN 60947-5 CSA Std. C22.2 No. 14-05 CSA Std. C22.2 No. 94-91 VDE CSA CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 IEC/EN 60947 IEC/EN 60947-5 UL Category Control No.: NKCR UL File No.: E29184 VDE 0660 CE CSA File No.: 012528 UL CSA-C22.2 No. 94-91 DNV GL LR



Powering Business Worldwide

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TYPE	Pushbutton actuator
ACTUATOR COLOR	Red
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	Does not apply, since the

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DECLARATIONS OF CONFORMITY	eaton-pushbutton-declaration-of-conformity-uk251341en.pdf eaton-pushbutton-declaration-of-conformity-uk251340en.pdf
□□□□□	eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf IL04716002Z
□□	eaton-operating-pushbutton-m22-dimensions-004.eps eaton-operating-pushbutton-m22-dimensions-003.eps eaton-operating-actuation-m22-dimensions-002.eps eaton-operating-samrtwire-m22-3d-drawing.eps
□□/□□	RMQ small E-Stop emergency-stop button

AGAINST ELECTRIC SHOCK	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	3600 Operations/h
BUTTON COLOR	Red
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	With SWD-RMQ connections Yes
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
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
NUMBER OF COMMAND POSITIONS	1
OPENING DIAMETER	22.5 mm

OPENING HEIGHT	0 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
BEZEL MATERIAL	Plastic
DESIGN	Flat Classical
MOUNTING POSITION	As required
DEGREE OF PROTECTION	IP66 IP67 IP69K NEMA 13 NEMA 4X NEMA 3R NEMA 12
DEGREE OF PROTECTION (FRONT SIDE)	IP67/IP69K NEMA 4X
INSCRIPTION	Blank
FRONT ELEMENT TYPE	Flat
LENS TYPE	Round
LIFESPAN, MECHANICAL	5,000,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 22 x 22 mm

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



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