

Specifications



Photo is representative



Eaton 216700

Eaton Moeller® series M22 Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights non-flush, momentary, White lens, green, red, inscribed, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series M22 double actuator pushbutton
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CATALOG NUMBER	216700
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MODEL CODE	M22-DDL-GR-X1/X0
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EAN	4015082167004
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PRODUCT LENGTH/DEPTH	30 mm
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PRODUCT HEIGHT	55 mm
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PRODUCT WIDTH	30 mm
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PRODUCT WEIGHT	0.015 kg
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CERTIFICATIONS	IEC/EN 60947-5 CSA Class No.: 3211-03 UL CSA File No.: 012528 UL File No.: E29184 CSA-C22.2 No. 94-91 IEC/EN 60947 CE UL 508 CSA-C22.2 No. 14-05 UL Category Control No.: NKCR VDE 0660 CSA DNV GL LR
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Product specifications

TYPE	Double actuator
ACTUATOR COLOR	Green, red
FEATURES	Labelled
ACTUATOR FUNCTION	Momentary Spring-return
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.

Resources

CATALOGUES	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-uk251340en.pdf eaton-pushbutton-declaration-of-conformity-uk251341en.pdf eaton-pushbutton-declaration-of-conformity-eu250857en.pdf eaton-pushbutton-declaration-of-conformity-eu250858en.pdf
DRAWINGS	eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions-002.eps eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions.eps eaton-general-m22-symbol.eps eaton-general-approval-m22-symbol.eps eaton-operating-button-m22-double-actuator-pushbutton-symbol-002.eps eaton-general-m22-standards.eps
ECAD MODEL	ETN.216700.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	DA-CD-doppeldrucktaste normal normal eaton-front-element-for-pushbuttons-mcad-3d-models-m22-ddl-gr-x1-x0.stp

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	3600 Operations/h
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
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	2
OPENING DIAMETER	22.5 mm
RATED OPERATIONAL	0 A

CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	
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
LENS COLOR	White
DESIGN	Non-Flush Classical
MOUNTING POSITION	As required
DEGREE OF PROTECTION	NEMA 4X NEMA 12 NEMA 3R NEMA 13 IP66
DEGREE OF PROTECTION (FRONT SIDE)	NEMA 4X IP66
INSCRIPTION	Inscribed
FRONT ELEMENT TYPE	Flat
LENS TYPE	Oval
LIFESPAN, MECHANICAL	200,000 Operations
STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 29,7 x 54,7 mm
SUITABLE FOR	Illumination

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE: