

Specifications

Eaton 216703

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Double actuator pushbutton
CATALOG NUMBER	216703
MODEL CODE	M22S-DDL-GR-GB1/GB0
EAN	4015082167035
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	55 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.015 kg
CERTIFICATIONS	UL Category Control No.: NKCR UL 508 VDE 0660 UL CSA-C22.2 No. 14-05 CSA CSA-C22.2 No. 94-91 CE IEC/EN 60947-5 CSA File No.: 012528 IEC/EN 60947 UL File No.: E29184 CSA Class No.: 3211-03 DNV GL LR
GLOBAL CATALOG	216703

Product specifications

TYPE	Double actuator
ACTUATOR COLOR	Green, red
FEATURES	Labelled
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	Does not apply, since the entire switchgear needs to

Resources

CATALOGS	eaton-rmq-titan-brochure-br047004en-en-us.pdf Flip catalog - Product Range Catalog - Command and indication eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-pushbutton-declaration-of-conformity-eu250857en.pdf DA-DC-00004157.pdf eaton-pushbutton-declaration-of-conformity-eu250858en.pdf DA-DC-00004135.pdf
DRAWINGS	eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions-002.eps eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions.eps eaton-operating-button-m22-double-actuator-pushbutton-symbol-003.eps eaton-general-m22-symbol.eps eaton-general-m22-standards.eps eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.216703.edz
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL04716002Z
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	DA-CD-doppeldrucktaste normal normal DA-CS-doppeldrucktaste normal normal
MULTIMEDIA	RMQ small E-Stop emergency-stop button

ASSEMBLIES	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	3600 Operations/h
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
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	0 W

	easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator
	MCI Multicolor Light Indicator M22 with SmartWire-DT
	MCI MultiColor Light Indicator RMQ compact solution
SALES NOTES	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-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-flat-enclosure-flyer-fl047003en-en-us.pdf

POLE, CURRENT-DEPENDENT PVID	
NUMBER OF COMMAND POSITIONS	2
OPENING DIAMETER	22.5 mm
OPENING HEIGHT	0 mm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
BEZEL COLOR	Black
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
LENS COLOR	White
DESIGN	Non-Flush Classical
MOUNTING POSITION	As required
DEGREE OF PROTECTION	NEMA 3R IP66 NEMA 12 NEMA 13 NEMA 4X
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
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 29,7 x 54,7 mm
SUITABLE FOR	Illumination

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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