

Specifications



Photo is representative

Eaton 216596

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Pushbutton
CATALOG NUMBER	216596
MODEL CODE	M22-D-G
EAN	4015082165963
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.009 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-5 CSA Std. C22.2 No. 94-91 UL 508 IEC 60947-5 CSA Std. C22.2 No. 14-05 VDE CSA CSA Class No.: 3211-03 CSA File No.: 012528 IEC/EN 60947-5 UL File No.: E29184 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR CSA-C22.2 No. 14-05 VDE 0660 IEC/EN 60947 UL CE DNV GL LR



Powering Business Worldwide

Features & Functions

BEZEL COLOR Titanium

BEZEL MATERIAL Plastic

COLOR Green

DESIGN Flat
Classical

FITTED WITH: Front ring

INSCRIPTION Blank

Ambient conditions, mechanical

MOUNTING POSITION As required

SHOCK RESISTANCE Mechanical, According to IEC/EN 60068-2-27
30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms

Communication

CONNECTION TO SMARTWIRE-DT Yes
With SWD-RMQ connections

Contacts

FORCE FOR POSITIVE OPENING - MIN 0 N

General

DEGREE OF PROTECTION IP67
NEMA 4X
NEMA 13
NEMA 3R
IP66
NEMA 12
IP69K

DEGREE OF PROTECTION (FRONT SIDE) NEMA 4X
IP67/IP69K

LIFESPAN, MECHANICAL 5,000,000 Operations

OPENING DIAMETER 22.5 mm

OPERATING FREQUENCY 3600 Operations/h

PRODUCT CATEGORY RMQ-Titan

SIZE Front dimensions: 22 x 22 mm

TYPE Pushbutton actuator

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MIN -25 °C

AMBIENT OPERATING TEMPERATURE - MAX 70 °C

AMBIENT STORAGE TEMPERATURE - MIN 40 °C

AMBIENT STORAGE TEMPERATURE - MAX 80 °C

CLIMATIC PROOFING Damp heat, cyclic, to IEC 60068-2-30
Damp heat, constant, to IEC 60068-2-78

Actuator

ACTUATING FORCE 5 N

ACTUATOR COLOR Green

ACTUATOR FUNCTION Momentary
Spring-return

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID 0 W

HEAT DISSIPATION CAPACITY PDISS 0 W

HEAT DISSIPATION PER 0 W

POLE, CURRENT-DEPENDENT PVID	
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
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.
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.

Resources

	eaton-rmq-titan-brochure-br047004en-en-us.pdf
CATALOGUES	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-uk251340en.pdf eaton-pushbutton-declaration-of-conformity-eu250858en.pdf eaton-pushbutton-declaration-of-conformity-eu250857en.pdf eaton-pushbutton-declaration-of-conformity-uk251341en.pdf
	eaton-operating-actuation-m22-dimensions-002.eps eaton-operating-pushbutton-m22-dimensions-004.eps eaton-operating-pushbutton-m22-dimensions-003.eps
DRAWINGS	eaton-general-m22-symbol.eps eaton-general-m22-standards.eps eaton-operating-samrtwire-m22-3d-drawing.eps eaton-operating-button-symbol-004.eps eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.216596.edz
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf

INSTALLATION INSTRUCTIONS	eaton-operating-devices-rmq-titan-m22-instruction-leaflet-il047018zu.pdf IL04716002Z
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	DA-CS-drucktaste_flach DA-CD-drucktaste_flach RMQ small E-Stop emergency-stop button MCI MultiColor Light Indicator RMQ compact solution
MULTIMEDIA	MCI Multicolor Light Indicator M22 with SmartWire-DT easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator
SALES NOTES	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 eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

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