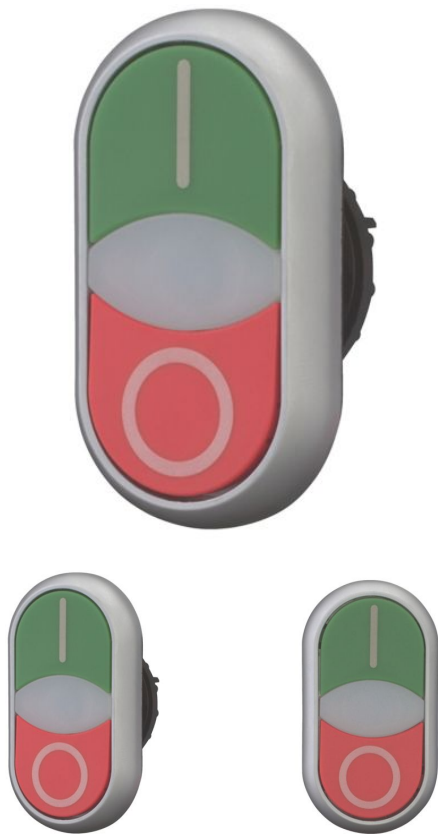


Specifications



Eaton 284814

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

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Double actuator pushbutton
CATALOG NUMBER	284814
MODEL CODE	M22-DDLF-GR-X1/X0
EAN	4015082848149
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	55 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.015 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	EN 60947-5 UL 508 CSA Std. C22.2 No. 14-05 IEC 60947-5 CSA Std. C22.2 No. 94-91 VDE IEC/EN 60947 CE VDE 0660 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 IEC/EN 60947-5 DNV GL LR

Features & Functions

BEZEL COLOR	Titanium
BEZEL MATERIAL	Plastic
DESIGN	Flush Classical
FEATURES	Labelled
FITTED WITH:	Front ring
INSCRIPTION	Inscribed
LENS COLOR	White

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	With SWD-RMQ connections Yes
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Contacts

FORCE FOR POSITIVE OPENING - MIN	0 N
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General

DEGREE OF PROTECTION	NEMA 3R NEMA 13 NEMA 4X NEMA 12 IP66
DEGREE OF PROTECTION (FRONT SIDE)	IP66 NEMA 4X
LIFESPAN, MECHANICAL	200,000 Operations
OPENING DIAMETER	22.5 mm
OPERATING FREQUENCY	3600 Operations/h
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 29,7 x 54,7 mm
SUITABLE FOR	Illumination
TYPE	Double 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, red
ACTUATOR FUNCTION	Momentary Spring-return

Design verification

EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
HEAT DISSIPATION CAPACITY PDISS	0 W

HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
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	Is the panel builder's

EXTERNAL CONDUCTORS	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

CATALOGUES

[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-uk251341en.pdf](#)

[eaton-pushbutton-declaration-of-conformity-uk251340en.pdf](#)

[eaton-pushbutton-declaration-of-conformity-eu250858en.pdf](#)

[eaton-pushbutton-declaration-of-conformity-eu250857en.pdf](#)

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions.eps](#)

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions-002.eps](#)

DRAWINGS

[eaton-operating-button-m22-double-actuator-pushbutton-symbol-002.eps](#)

[eaton-general-m22-standards.eps](#)

[eaton-general-m22-symbol.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

ECAD MODEL

[ETN.284814.edz](#)

FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

INSTALLATION INSTRUCTIONS

[IL04716002Z](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

MCAD MODEL	DA-CS-doppeldrucktaste flach flach
	DA-CD-doppeldrucktaste flach flach
MULTIMEDIA	MCI Multicolor Light Indicator M22 with SmartWire-DT
	easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator
	RMQ small E-Stop emergency-stop button
	MCI MultiColor Light Indicator RMQ compact solution
SALES NOTES	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

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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

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