Specifications

Eaton 279411

Eaton Moeller® series M22 Position pushbutton, RMQ-Titan, Actuators non-flush, momentary, 4-fold, opposing pushbuttons not mechanically interlocked, Bezel: titanium

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 4-way pushbutton
CATALOG NUMBER	279411
MODEL CODE	M22-D4-S
EAN	4015082794118
PRODUCT LENGTH/DEPTH	55 mm
PRODUCT HEIGHT	32 mm
PRODUCT WIDTH	55 mm
PRODUCT WEIGHT	0.022 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	UL 508 EN 60947-5 IEC 60947-5 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 VDE UL File No.: E29184 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA UL UL Category Control No.: NKCR IEC/EN 60947-5 CE CSA File No.: 012528 CSA-C22.2 No. 94-91 IEC/EN 60947 VDE 0660 DNV
CATALOG NOTES	4-fold

Actuator

ACTUATING FORCE	5 N
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Spring-return Momentary
BEZEL COLOR	Chrome
BEZEL MATERIAL	Plastic
DESIGN	Non-Flush Classical
FITTED WITH:	Front ring
FUNCTIONS	Opposing pushbuttons not mechanically interlocked
INSCRIPTION	No inscription
LENS TYPE	Round
NUMBER OF COMMAND POSITIONS	4

Communication

CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections

Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30

Design verification

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 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.
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

General information

DEGREE OF PROTECTION	NEMA 3R NEMA 12 NEMA 4X NEMA 13 IP66
DEGREE OF PROTECTION (FRONT SIDE)	NEMA 4X IP66
LIFESPAN, MECHANICAL	200,000 Operations
MOUNTING POSITION	As required
OPENING DIAMETER	22.5 mm
OPERATING FREQUENCY	3600 Operations/h
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 55 x 55 mm
TYPE	Pushbutton

Resources

CATALOGUES	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
DECLARATIONS OF CONFORMITY	eaton-double-actuator-pushbutton-declaration-of-conformity-eu251536en.pdf
DRAWINGS	eaton-operating-pushbutton-m22-position-pushbutton-dimensions.eps eaton-general-m22-standards.eps eaton-operating-switch-m22-position-pushbutton-3d-drawing-002.eps eaton-general-approval-m22-symbol.eps eaton-general-m22-symbol.eps
ECAD MODEL	ETN.279411.edz
INSTALLATION INSTRUCTIONS	IL047160002Z
MCAD MODEL	DA-CS-drucktaste_4_fach

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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

Follow us on social media to get the latest product and support information.

© 2026 Eaton. All Rights Reserved.