

Specifications



Eaton 216532

Eaton Moeller® series M22 Housing, Pushbutton actuators, Enclosure, momentary, 3 NC, 3 N/O, Screw connection, Number of locations 3, Grey, inscribed, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series M22 assembled pushbutton
CATALOG NUMBER	216532
MODEL CODE	M22-I3-M1
EAN	4015082165321
PRODUCT LENGTH/DEPTH	80 mm
PRODUCT HEIGHT	70 mm
PRODUCT WIDTH	153 mm
PRODUCT WEIGHT	0.333 kg
CERTIFICATIONS	IEC/EN 60947 CE VDE 0660 CSA-C22.2 No. 94-91 CSA Class No.: 3211-03 UL UL 508 CSA File No.: 012528 UL File No.: E29184 CSA-C22.2 No. 14-05 UL Category Control No.: NKCR CSA IEC/EN 60947-5
CATALOG NOTES	Contacts with safety function, by positive opening to IEC/EN 60947-5-1

Actuator

ACTUATING FORCE	5 N
ACTUATOR COLOR	Green, red
ACTUATOR FUNCTION	Momentary
ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1)	4.8 mm
BEZEL COLOR	Titanium
DESIGN	Enclosure
ENCLOSURE COLOR	Gray
ENCLOSURE MATERIAL	Plastic
INSCRIPTION	Inscribed
KNOB TRAVEL	5.7 mm
KNOCKOUTS	2 x M25/20 (cable entry knockouts at the side) 2 x M20 (cable entry knockouts at the base)
NUMBER OF COMMAND POSITIONS	3
NUMBER OF LOCATIONS	3
RAL-NUMBER	7035

Communication

CONNECTION TO SMARTWIRE-DT	No
-----------------------------------	----

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	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
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	0.11 W

RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	6 A
--	-----

STATIC HEAT DISSIPATION, NON- CURRENT-DEPENDENT PVS	0 W
--	-----

Electrical rating

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	500 V
---	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	115 V
---	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	500 V
---	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	115 V
---	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	220 V
--	-------

RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	24 V
--	------

Short-circuit rating

RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ)	1 kA
---	------

General information

DEGREE OF PROTECTION	IP67/IP69K NEMA 4X, 13
-----------------------------	---------------------------

LIFESPAN	5,000,000 mechanical Operations
-----------------	------------------------------------

MOUNTING POSITION	As required
--------------------------	-------------

OPERATING FREQUENCY	3600 Operations/h
----------------------------	-------------------

PRODUCT CATEGORY	RMQ-Titan
-------------------------	-----------

SIZE	Front dimensions: 153 x 80 mm
-------------	----------------------------------

TYPE	Pushbutton actuator
-------------	---------------------

Resources

	eaton-product-overview- for-machinery-catalogue- ca08103003zen-en-us.pdf
--	--

CATALOGUES	eaton-pushbuttons-signal- towers-sensors- assortment-overview- catalog-ca047003en-en- us.pdf
------------	--

DECLARATIONS OF CONFORMITY	eaton-pushbutton- declaration-of-conformity- uk260006en.pdf eaton-pushbutton- declaration-of-conformity- eu251543en.pdf
-------------------------------	--

DRAWINGS	eaton-operating-surface- mounting-m22-accessory- dimensions-005.eps eaton-general-approval- m22-symbol.eps
----------	---

[eaton-operating-button-symbol-007.eps](#)

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

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

[eaton-operating-button-m22-housing-symbol-002.eps](#)

ECAD MODEL	ETN.M22-I3-M1
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	bg_d_d_d_aufbaug.stp eaton-enclosure-mcad-drawings-bg-d-d-d-aufbaug.dwg
WIRING DIAGRAMS	eaton-operating-pushbutton-m22-housing-wiring-diagram-003.eps

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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

© 2026 Eaton. All Rights Reserved.

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

