

Eaton 216802



Eaton Moeller® series M22 Illuminated pushbutton actuator, RMQ-Titan, Extended, maintained, Blue, Blank, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Illuminated pushbutton actuator
CATALOG NUMBER	216802
EAN	4015082168025
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	35 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.013 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	CSA Std. C22.2 No. 94-91 UL 508 IEC 60947-5 CSA Std. C22.2 No. 14-05 EN 60947-5 VDE CE IEC/EN 60947-5 CSA-C22.2 No. 94-91 IEC/EN 60947 UL Category Control No.: NKCR VDE 0660 CSA CSA File No.: 012528 CSA-C22.2 No. 14-05 UL File No.: E29184 UL CSA Class No.: 3211-03 DNV GL LR
MODEL CODE	M22-DRLH-B



Features & Functions

BEZEL COLOR	Titanium
BEZEL MATERIAL	Plastic
DESIGN	Extended Classical

General

DEGREE OF PROTECTION	IP69K IP66 NEMA 4X IP67 NEMA 3R
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FITTED WITH:	Front ring
FUNCTIONS	Stay-put/spring-return function can be changed on device
INSCRIPTION	Blank
MATERIAL	Titanium front ring

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

Contacts	
FORCE FOR POSITIVE OPENING - MIN	0 N

	NEMA 12 NEMA 13
DEGREE OF PROTECTION (FRONT SIDE)	IP67/IP69K NEMA 4X
LIFESPAN, MECHANICAL	1,000,000 Operations (AC operated)
OPENING DIAMETER	22.5 mm
OPERATING FREQUENCY	1800 Operations/h
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front diameter: 29.7 mm
SUITABLE FOR	Illumination
TYPE	Illuminated pushbutton actuator

Climatic environmental conditions	
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT OPERATING TEMPERATURE - MAX	70 °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	Blue
ACTUATOR FUNCTION	Switching function latching Maintained

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 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

Zdroje

CERTIFIKÁTY	0000SPC-183 0000SPC-179
DECLARATIONS OF CONFORMITY	DA-DC-00004135.pdf DA-DC-00004157.pdf
ECAD MODEL	ETN.216802.edz ETN.M22-DRLH-B
INSTALAČNÍ NÁVODY	IL04716002Z
MCAD MODEL	eaton-cadenas-side_view-drucktaste_hoch_side.pra eaton-cadenas-path-temp-drucktaste_hoch.3db eaton-cadenas-front_view-drucktaste_hoch_front.pra DA-CD-drucktaste_hoch DA-CS-drucktaste_hoch
MULTIMEDIA	RMQ small E-Stop emergency-stop button
SYSTEM OVERVIEW	Pilot devices - selection aid
VÝKRESY	eaton-operating-pushbutton-m22-dimensions-005.eps 116X098 eaton-operating-pushbutton-m22-dimensions.eps 116X192 1160SPC-91 0000SPC-180 116I257 eaton-operating-samrtwire-m22-3d-drawing-002.eps

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATUM:



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