

Specifications

Eaton 110930



Eaton Moeller® series M22 Illuminated pushbutton actuator, RMQ-Titan, flush, momentary, green, Blister pack for hanging

General specifications

PRODUCT NAME	Eaton Moeller® series M22 pushbutton
CATALOG NUMBER	110930
MODEL CODE	M22-DL-G-K10LED-BVP
EAN	4015081104598
PRODUCT LENGTH/DEPTH	50 mm
PRODUCT HEIGHT	80 mm
PRODUCT WIDTH	50 mm
PRODUCT WEIGHT	0.032 kg
CERTIFICATIONS	DNV GL LR

Actuator

ACTUATOR COLOR	Green
ACTUATOR FUNCTION	Spring-return
BEZEL COLOR	Titanium
BEZEL MATERIAL	Plastic
FITTED WITH:	Front ring
LENS TYPE	Round
NUMBER OF COMMAND POSITIONS	1

Communication

CONNECTION TO SMARTWIRE-DT	No
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Climatic environmental conditions

AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C

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	0.45 W

General information

DEGREE OF PROTECTION (FRONT SIDE)	NEMA 4X IP67
OPENING DIAMETER	22 mm
PRODUCT CATEGORY	RMQ-Titan
SUITABLE FOR	Illumination

Resources

CATALOGUES	eaton-product-overview-for-machinery-catalogue-ca08103003zen-en-us.pdf
	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-general-m22-symbol.eps
	eaton-general-m22-standards.eps
	eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.110930.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	eaton-pushbuttons-mcad-drawings-bg-d-1led0.dwg
	DA-CS-bg_d_1led0

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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