Specifications



Eaton 216645

Eaton Moeller® series M22 Pushbutton, RMQ-Titan, Extended, momentary, green, Blank, Bezel: black

General specifications	
PRODUCT NAME	Eaton Moeller® series M22 pushbutton
CATALOG NUMBER	216645
MODEL CODE	M22S-DH-G
EAN	4015082166458
PRODUCT LENGTH/DEPTH	30 mm
PRODUCT HEIGHT	35 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.012 kg
CERTIFICATIONS	IEC/EN 60947 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 UL File No.: E29184 VDE 0660 CSA CSA-C22.2 No. 94-91 CSA File No.: 012528 UL 508 UL Category Control No.: NKCR CE IEC/EN 60947-5 UL DNV GL LR
GLOBAL CATALOG	216645
PRODUCT TYPE	Pushbutton

Product specifications

TYPE	Pushbutton actuator
ACTUATOR COLOR	Green
ACTUATOR FUNCTION	Spring-return Momentary
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	Is the panel builder's

Resources

CATALOGS	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-dimensions.eps eaton-operating-pushbutton-m22-dimensions-005.eps eaton-operating-samrtwire-m22-3d-drawing-002.eps eaton-general-m22-symbol.eps eaton-operating-button-symbol-004.eps eaton-general-m22-standards.eps eaton-general-approval-m22-symbol.eps
ECAD MODEL	ETN.216645.edz
INSTALLATION INSTRUCTIONS	IL04716002Z
MCAD MODEL	DA-CS-drucktaste_hoch
SPECIFICATIONS AND DATASHEETS	Eaton Specification Sheet - 216645

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.
FITTED WITH:	Front ring
OPERATING FREQUENCY	3600 Operations/h
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	Yes With SWD-RMQ connections
ACTUATING FORCE	5 N
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
AMBIENT STORAGE TEMPERATURE - MAX	80 °C
AMBIENT STORAGE TEMPERATURE - MIN	40 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
FORCE FOR POSITIVE OPENING - MIN	0 N
HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
NUMBER OF COMMAND POSITIONS	1
OPENING DIAMETER	22.5 mm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
BEZEL COLOR	Black
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
BEZEL MATERIAL	Plastic
DESIGN	Extended Classical
MOUNTING POSITION	As required
DEGREE OF PROTECTION	NEMA 13 IP66 NEMA 4X

	NEMA 12 IP67 NEMA 3R IP69K
DEGREE OF PROTECTION (FRONT SIDE)	NEMA 4X IP67/IP69K
INSCRIPTION	Blank
FRONT ELEMENT TYPE	High
LENS TYPE	Round
LIFESPAN, MECHANICAL	5,000,000 Operations
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: 22 x 22 mm

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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