

Specifications



Photo is representative

Eaton 199350

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 30 mm, 1 N/O, 1 NC

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Housing
CATALOG NUMBER	199350
MODEL CODE	M22-PVL30/FK11/RG/FIY1
EAN	4015081975969
PRODUCT LENGTH/DEPTH	107 mm
PRODUCT HEIGHT	76 mm
PRODUCT WIDTH	43 mm
PRODUCT WEIGHT	0.14 kg
CERTIFICATIONS	CE EAC UL CSA CCC CSA Class No.: 3211-03 CSA file No. 012528 DNV GL IEC/EN 60947 IEC/EN 60947-5 UL 508 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 CE marking LR UL Category Control No.: NKCR UL File No.: E29184 UL Listed CSA certified VDE 0660
CATALOG NOTES	Rated operational voltage Ue of integrated flat rear LED element: 24 V DC
GLOBAL CATALOG	199350



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Product specifications

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.

Resources

CATALOGS	eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf Flip catalog - Product Range Catalog - Command and indication eaton-rmq-titan-brochure-br047004en-en-us.pdf
DECLARATIONS OF CONFORMITY	DA-DC-00004975.pdf eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-eu250649en.pdf DA-DC-00004971.pdf
DRAWINGS	eaton-m22-housing-dimensions.eps eaton-operating-emergency-m22-housing-dimensions.eps eaton-m22-housing-drawing-002.eps
ECAD MODEL	ETN.M22-PVL30_FK11_RG_FIY1.edz
FLYERS	eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf
INSTALLATION INSTRUCTIONS	IL047023ZU eaton-rmq-titan-m22-m30-emergency-switching-off-emergency-stop-instruction-leaflet-il047025zu.pdf
INSTALLATION VIDEOS	RMQ Flat Design
MCAD MODEL	m22_pv_t_fiy1.dwg m22_pv_t_fiy1.stp
MULTIMEDIA	easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator

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.
CLIMATIC PROOFING	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
CONNECTION TO SMARTWIRE-DT	No
ENCLOSURE MATERIAL	Plastic
AMBIENT OPERATING TEMPERATURE - MAX	70 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID	0 W
NUMBER OF BUTTONS (MUSHROOM SHAPE)	1
NUMBER OF COMMAND POSITIONS	1
NUMBER OF CONTACTS (CHANGE-OVER CONTACTS)	0
NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS)	1
NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS)	1
NUMBER OF KEY	0

SALES NOTES

[MCI MultiColor Light Indicator RMQ compact solution](#)

[MCI Multicolor Light Indicator M22 with SmartWire-DT](#)

[RMQ small E-Stop emergency-stop button](#)

[eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf](#)

[eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf](#)

[eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf](#)

[eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf](#)

SWITCHES	
NUMBER OF PILOT LIGHTS	1
NUMBER OF PUSHBUTTONS	0
ENCLOSURE COLOR	Yellow
MATERIAL QUALITY	Other
NUMBER OF SWITCHES (SELECTOR)	0
OPENING DIAMETER	22.5 mm
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX	230 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN	24 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX	230 V
RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN	24 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX	220 V
RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN	24 V
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
PRODUCT CATEGORY	RMQ-Titan
MOUNTING POSITION	As required
DEGREE OF PROTECTION	IP Other NEMA Other
SUITABLE FOR	Emergency stop
POWER CONSUMPTION	0.36 W

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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