

# Specifications



## Eaton 216876

Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton, RMQ-Titan, Mushroom-shaped, 38 mm, Non-illuminated, Pull-to-release function, Red, yellow, RAL 3000

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Emergency stop/emergency switching off pushbutton
<b>CATALOG NUMBER</b>	216876
<b>MODEL CODE</b>	M22-PV
<b>EAN</b>	4015082168766
<b>PRODUCT LENGTH/DEPTH</b>	38 mm
<b>PRODUCT HEIGHT</b>	70 mm
<b>PRODUCT WIDTH</b>	38 mm
<b>PRODUCT WEIGHT</b>	0.039 kg
<b>COMPLIANCES</b>	CE Marked
<b>CERTIFICATIONS</b>	EN 60947-5 CSA Std. C22.2 No. 94-91 IEC 60947-5 UL 508 CSA Std. C22.2 No. 14-05 VDE UL CE CSA File No.: 012528 IEC/EN 60947-5 CSA IEC/EN 60947 UL File No.: E29184 CSA Class No.: 3211-03 CSA-C22.2 No. 14-05 CSA-C22.2 No. 94-91 VDE 0660 UL Category Control No.: NKCR DNV GL LR
<b>CATALOG NOTES</b>	Max. number of contacts: four M22-(C)K01, ...10 or



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two M22-(C)K02, ...20, ...11

**GLOBAL CATALOG**

216876

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## Product specifications

<b>TYPE</b>	Controlled stop pushbutton/emergency-stop button
<b>ACTUATOR COLOR</b>	Red
<b>FEATURES</b>	Tamper-proof (according to ISO 13850, EN 418)
<b>ACTUATOR FUNCTION</b>	Pull-to-release Switching function latching
<b>10.10 TEMPERATURE RISE</b>	Not applicable.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
<b>10.2.2 CORROSION RESISTANCE</b>	Meets the product standard's requirements.
<b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>	Meets the product standard's requirements.
<b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>	Meets the product standard's requirements.
<b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b>	Meets the product standard's requirements.
<b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>	Please enquire
<b>10.2.5 LIFTING</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.6 MECHANICAL IMPACT</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.2.7 INSCRIPTIONS</b>	Meets the product standard's requirements.
<b>10.3 DEGREE OF PROTECTION OF</b>	Does not apply, since the entire switchgear needs to

## Resources

	<a href="#">eaton-rmq-titan-brochure-br047004en-en-us.pdf</a>
	<a href="#">eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf</a>
<b>CATALOGS</b>	<a href="#">Flip catalog - Product Range Catalog - Command and indication</a>
<b>CERTIFICATION REPORTS</b>	<a href="#">000Z425</a>
	<a href="#">eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-uk251132en.pdf</a>
<b>DECLARATIONS OF CONFORMITY</b>	<a href="#">eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-eu250649en.pdf</a>
	<a href="#">eaton-operating-emergency-m22-dimensions.eps</a>
	<a href="#">eaton-operating-emergency-m22-dimensions-002.eps</a>
	<a href="#">eaton-general-m22-standards.eps</a>
<b>DRAWINGS</b>	<a href="#">eaton-general-m22-symbol.eps</a>
	<a href="#">eaton-operating-button-symbol-006.eps</a>
	<a href="#">eaton-general-approval-m22-symbol.eps</a>
	<a href="#">eaton-operating-emergency-m22-3d-drawing-003.eps</a>
<b>ECAD MODEL</b>	<a href="#">ETN.216876.edz</a>
<b>FLYERS</b>	<a href="#">eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf</a>
<b>INSTALLATION INSTRUCTIONS</b>	<a href="#">IL04716005Z.pdf</a> <a href="#">IL04716002Z</a>
<b>INSTALLATION VIDEOS</b>	<a href="#">RMQ Flat Design</a>
<b>MCAD MODEL</b>	<a href="#">DA-CS-not_aus</a>

<b>ASSEMBLIES</b>	be evaluated.
<b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>	Meets the product standard's requirements.
<b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>OPERATING FREQUENCY</b>	600 Operations/h
<b>BUTTON COLOR</b>	Red
<b>CLIMATIC PROOFING</b>	Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30
<b>CONNECTION TO SMARTWIRE-DT</b>	No
<b>BASE COLOR</b>	Yellow
<b>ACTUATING FORCE</b>	50 N
<b>ACTUATOR DIAMETER</b>	38 mm
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>DIAMETER CAP</b>	38 mm
<b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>	0 W
<b>FORCE FOR POSITIVE OPENING - MIN</b>	0 N
<b>HEAT DISSIPATION CAPACITY PDISS</b>	0 W
<b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>	0 W
<b>OPENING DIAMETER</b>	22.5 mm
<b>OPENING HEIGHT</b>	0 mm

	<a href="#">DA-CD-not_au</a>
MULTIMEDIA	<a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a> <a href="#">RMQ small E-Stop emergency-stop button</a> <a href="#">MCI MultiColor Light Indicator RMQ compact solution</a> <a href="#">MCI Multicolor Light Indicator M22 with SmartWire-DT</a>
PEP ECO-PASSPORT	<a href="#">eaton-front-element-for-mushroom-pushbuttons-pep-eato-00328-v0101-en.pdf</a>
SALES NOTES	<a href="#">eaton-control-circuit-devices-rmq-titan-fl144090en-en-us.pdf</a> <a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a> <a href="#">eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</a> <a href="#">eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</a>

<b>RAL-NUMBER</b>	3000
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
<b>ILLUMINATION</b>	Non-illuminated
<b>BEZEL COLOR</b>	Other
<b>SHOCK RESISTANCE</b>	Mechanical, According to IEC/EN 60068-2-27 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
<b>COLOR</b>	Red
<b>BEZEL MATERIAL</b>	Other
<b>DESIGN</b>	Mushroom-shaped Classical
<b>MOUNTING POSITION</b>	As required
<b>DEGREE OF PROTECTION</b>	IP66 NEMA 4X, 13
<b>FRONT ELEMENT TYPE</b>	High
<b>LENS TYPE</b>	Round
<b>LIFESPAN, MECHANICAL</b>	100,000 Operations
<b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>	0 W
<b>WIDTH OPENING</b>	0 mm
<b>PRODUCT CATEGORY</b>	RMQ-Titan
<b>SIZE</b>	Front dimensions: 35 mm
<b>SUPPLY VOLTAGE LAMP</b>	0 V
<b>SUITABLE FOR</b>	Emergency stop
<b>UNLOCKING METHOD</b>	Pull-release

**PROJECT NAME:**

**PROJECT NUMBER:**

**PREPARED BY:**

**DATE:**



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