

# Specifications



## Eaton 284817

Eaton Moeller® series M22 Double actuator pushbutton, RMQ-Titan, Actuators and indicator lights flush, momentary, White lens, white, black, inscribed, Bezel: black

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series M22 Double actuator pushbutton
<b>CATALOG NUMBER</b>	284817
<b>MODEL CODE</b>	M22S-DDLF-WS-X1/X0
<b>EAN</b>	4015082848170
<b>PRODUCT LENGTH/DEPTH</b>	30 mm
<b>PRODUCT HEIGHT</b>	55 mm
<b>PRODUCT WIDTH</b>	30 mm
<b>PRODUCT WEIGHT</b>	0.015 kg
<b>CERTIFICATIONS</b>	CSA-C22.2 No. 94-91 IEC/EN 60947 CSA-C22.2 No. 14-05 VDE 0660 IEC/EN 60947-5 UL 508 CE DNV GL LR
<b>GLOBAL CATALOG</b>	284817

## Product specifications

<b>TYPE</b>	Double actuator
<b>ACTUATOR COLOR</b>	Black and white
<b>FEATURES</b>	Labelled
<b>ACTUATOR FUNCTION</b>	Momentary Spring-return
<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

### CATALOGS

[eaton-rmq-titan-brochure-br047004en-en-us.pdf](#)

[Flip catalog - Product Range Catalog - Command and indication](#)

[eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf](#)

### DECLARATIONS OF CONFORMITY

[eaton-pushbutton-declaration-of-conformity-eu250857en.pdf](#)

[DA-DC-00004157.pdf](#)

[eaton-pushbutton-declaration-of-conformity-eu250858en.pdf](#)

[DA-DC-00004135.pdf](#)

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions-002.eps](#)

[eaton-operating-pushbutton-m22-double-actuator-pushbutton-dimensions.eps](#)

### DRAWINGS

[eaton-general-m22-symbol.eps](#)

[eaton-general-m22-standards.eps](#)

[eaton-general-approval-m22-symbol.eps](#)

[eaton-operating-button-m22-double-actuator-pushbutton-symbol-005.eps](#)

### ECAD MODEL

[ETN.284817.edz](#)

### FLYERS

[eaton-rmq-titan-selection-aid-brochure-fl047002-en-us.pdf](#)

### INSTALLATION INSTRUCTIONS

[IL04716002Z](#)

### INSTALLATION VIDEOS

[RMQ Flat Design](#)

### MCAD MODEL

[DA-CD-doppeldrucktaste flach flach](#)

<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>FITTED WITH:</b>	Front ring
<b>OPERATING FREQUENCY</b>	3600 Operations/h
<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>	Yes With SWD-RMQ connections
<b>ACTUATING FORCE</b>	5 N
<b>AMBIENT OPERATING TEMPERATURE - MAX</b>	70 °C
<b>AMBIENT OPERATING TEMPERATURE - MIN</b>	-25 °C
<b>AMBIENT STORAGE TEMPERATURE - MAX</b>	80 °C
<b>AMBIENT STORAGE TEMPERATURE - MIN</b>	40 °C
<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</b>	0 W

	<a href="#">DA-CS-doppeldrucktaste_flach_flach</a>
	<a href="#">RMQ small E-Stop emergency-stop button</a>
	<a href="#">easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator</a>
<b>MULTIMEDIA</b>	<a href="#">MCI Multicolor Light Indicator M22 with SmartWire-DT</a>
	<a href="#">MCI MultiColor Light Indicator RMQ compact solution</a>
	<a href="#">eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf</a>
	<a href="#">eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf</a>
<b>SALES NOTES</b>	<a href="#">eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf</a>
	<a href="#">eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf</a>

<b>POLE, CURRENT-DEPENDENT PVID</b>	
<b>NUMBER OF COMMAND POSITIONS</b>	2
<b>OPENING DIAMETER</b>	22.5 mm
<b>OPENING HEIGHT</b>	0 mm
<b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>	0 A
<b>BEZEL COLOR</b>	Black
<b>SHOCK RESISTANCE</b>	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
<b>BEZEL MATERIAL</b>	Plastic
<b>LENS COLOR</b>	White
<b>DESIGN</b>	Flush Classical
<b>MOUNTING POSITION</b>	As required
<b>DEGREE OF PROTECTION</b>	IP66 NEMA 4X NEMA 13 NEMA 3R NEMA 12
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	NEMA 4X IP66
<b>INSCRIPTION</b>	Inscribed
<b>FRONT ELEMENT TYPE</b>	Flat
<b>LENS TYPE</b>	Oval
<b>LIFESPAN, MECHANICAL</b>	200,000 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: 29,7 x 54,7 mm
<b>SUITABLE FOR</b>	Illumination

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



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