

Specifications



Eaton 182942

Eaton Moeller® series M30 Pushbutton, RMQ-Titan, Flat, maintained, black, Blank, Metal bezel

General specifications

PRODUCT NAME	Eaton Moeller® series M30 Pushbutton
CATALOG NUMBER	182942
MODEL CODE	M30C-FDR-S
EAN	4015081778690
PRODUCT LENGTH/DEPTH	36 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	46 mm
PRODUCT WEIGHT	0.041 kg
CERTIFICATIONS	VDE 0660 IEC/EN 60947 CSA File No.: 012528 CSA Class No.: 3211-03 DNV UL File No.: E29184 GL IEC/EN 60947-5 UL 508 CSA-C22.2 No. 14-05 and 94-M91 CE marking UL Category Control No.: NKCR UL Listed CSA certified
GLOBAL CATALOG	182942

Product specifications

TYPE	Pushbutton actuator
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Maintained Switching function latching
FITTED WITH:	Front ring
OPERATING FREQUENCY	1800 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
FORCE FOR POSITIVE OPENING - MIN	0 N
NUMBER OF COMMAND POSITIONS	1
OPENING DIAMETER	30.5 mm
OPENING HEIGHT	0 mm
BEZEL COLOR	Titanium
SHOCK RESISTANCE	Mechanical, According to IEC/EN 60068-2-27 15 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms
BEZEL MATERIAL	Metal
DESIGN	Flat Flat front
MOUNTING POSITION	As required
DEGREE OF PROTECTION	IP69K IP67 IP66
DEGREE OF PROTECTION (FRONT SIDE)	IP67/IP69K NEMA 4X, 13
INSCRIPTION	Blank

Resources

CATALOGS

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

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

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

DECLARATIONS OF CONFORMITY

[eaton-key-operated-actuator-declaration-of-conformity-eu250864en.pdf](#)

[eaton-key-operated-actuator-declaration-of-conformity-eu250863en.pdf](#)

[eaton-operating-m30-dimensions-004.eps](#)

[eaton-operating-m30-dimensions-006.eps](#)

[eaton-operating-m30-dimensions-005.eps](#)

[eaton-operating-m30-dimensions.eps](#)

DRAWINGS

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

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

[eaton-operating-button-symbol-005.eps](#)

[eaton-operating-m30-3d-drawing.eps](#)

ECAD MODEL

[ETN.182942.edz](#)

FLYERS

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

INSTALLATION INSTRUCTIONS

[eaton-operating-devices-m30-rmq-titan-flat-front-instruction-leaflet-il047019zu.pdf](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

FRONT ELEMENT TYPE	Flat
FUNCTIONS	Stay-put/spring-return function can be changed on device
LENS TYPE	Round
LIFESPAN, MECHANICAL	1,000,000 Operations (AC operated)
WIDTH OPENING	0 mm
PRODUCT CATEGORY	RMQ-Titan
SIZE	Front dimensions: Ø 36 x 3 mm

MCAD MODEL	DA-CS-drucktaste_flach_flatfront
	DA-CD-drucktaste_flach_flatfront
	MCI Multicolor Light Indicator M22 with SmartWire-DT
MULTIMEDIA	MCI MultiColor Light Indicator RMQ compact solution
	easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator
	RMQ small E-Stop emergency-stop button
SALES NOTES	eaton-rmq-small-e-stop-flyer-fl047006en-en-us.pdf
	eaton-rmq-mci-multi-color-light-indicator-flyer-fl047005en-en-us.pdf
	eaton-rmq-flat-enclosure-flyer-fl047003en-en-us.pdf
	eaton-control circuit-devices rmq-titan-fl144090en-en-us.pdf

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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