

Specifications



Photo is representative

Eaton 216870

Eaton Moeller® series M22 Selector switch, RMQ-Titan, With thumb-grip, momentary, 3 positions, Bezel: titanium

General specifications

PRODUCT NAME	Eaton Moeller® series M22 Selector switch
CATALOG NUMBER	216870
MODEL CODE	M22-WK3
EAN	4015082168704
PRODUCT LENGTH/DEPTH	46 mm
PRODUCT HEIGHT	30 mm
PRODUCT WIDTH	30 mm
PRODUCT WEIGHT	0.013 kg
COMPLIANCES	CE Marked
CERTIFICATIONS	UL 508 CSA Std. C22.2 No. 94-91 CSA Std. C22.2 No. 14-05 EN 60947-5 IEC 60947-5 VDE CSA Class No.: 3211-03 CSA-C22.2 No. 94-91 IEC/EN 60947-5 CSA File No.: 012528 CSA-C22.2 No. 14-05 UL CSA UL Category Control No.: NKCR UL File No.: E29184 CE IEC/EN 60947 VDE 0660
GLOBAL CATALOG	216870

Product specifications

TYPE	Selector switch actuator
ACCESSORIES	Thumb grip
ACTUATOR COLOR	Black
ACTUATOR FUNCTION	Momentary Spring-return
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	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-eu250858en.pdf](#)

[eaton-key-operated-actuator-declaration-of-conformity-eu250865en.pdf](#)

[eaton-operating-switch-m22-dimensions-002.eps](#)

[eaton-operating-switch-m22-dimensions.eps](#)

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

DRAWINGS

[eaton-operating-switch-m22-changeover-switch-3d-drawing-002.eps](#)

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

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

ECAD MODEL

[ETN.216870.edz](#)

FLYERS

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

INSTALLATION INSTRUCTIONS

[IL04716002Z](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

MCAD MODEL

[DA-CD-wahltaste_knebel](#)

[DA-CS-wahltaste_knebel](#)

MULTIMEDIA

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

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

ASSEMBLIES	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 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.
FITTED WITH:	Front ring Plunger bridge for the middle contact
OPERATING FREQUENCY	2000 Operations/h
POLLUTION DEGREE	3
CLIMATIC PROOFING	Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78
CONNECTION TO SMARTWIRE-DT	With SWD-RMQ connections Yes
ACTUATOR TYPE	Toggle
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

SALES NOTES	easyE4 SmartWire-DT module with Remote Touch Display and RMO multi color indicator
	MCI Multicolor Light Indicator M22 with SmartWire-DT
	eaton-control circuit-devices rmq-titan-fl144090en-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-rmq-small-e-stop-flyer-fl047006en-en-us.pdf

HEAT DISSIPATION CAPACITY PDISS	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID	0 W
OPENING DIAMETER	22.5 mm
OPENING HEIGHT	0 mm
OPERATING TORQUE	0.3 Nm
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	0 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS	0 W
SWITCHING ANGLE	40 °
WIDTH OPENING	0 mm
BEZEL COLOR	Titanium
SHOCK RESISTANCE	30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27
COLOR	White Black
BEZEL MATERIAL	Plastic
DESIGN	With thumb-grip
MOUNTING POSITION	As required
OVERVOLTAGE CATEGORY	III
DEGREE OF PROTECTION	NEMA 4X, 13
DEGREE OF PROTECTION (FRONT SIDE)	IP66
FUNCTIONS	Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
INDICATOR COLOR	Other
LENS TYPE	Round
LIFESPAN, MECHANICAL	100,000 Operations
NUMBER OF SWITCH POSITIONS	3
SIZE	Front diameter: 29.7 mm
PRODUCT CATEGORY	RMQ-Titan

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:
DATE:



Eaton Corporation plc
Eaton House
30 Pembroke Road
Dublin 4, Ireland
Eaton.com

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