

Specifications



Eaton 216679

Eaton Moeller® series M22 Pushbutton, RMQ-Titan, Extended, maintained, black, inscribed, Bezel: titanium

General specifications

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| PRODUCT NAME | Eaton Moeller® series M22 Pushbutton |
| CATALOG NUMBER | 216679 |
| MODEL CODE | M22-DRH-S-X0 |
| EAN | 4015082166793 |
| PRODUCT LENGTH/DEPTH | 30 mm |
| PRODUCT HEIGHT | 35 mm |
| PRODUCT WIDTH | 30 mm |
| PRODUCT WEIGHT | 0.013 kg |
| CERTIFICATIONS | CSA-C22.2 No. 94-91 CSA File No.: 012528 CSA-C22.2 No. 14-05 UL CE CSA IEC/EN 60947-5 UL 508 UL File No.: E29184 UL Category Control No.: NKCR VDE 0660 IEC/EN 60947 CSA Class No.: 3211-03 DNV GL LR |
| GLOBAL CATALOG | 216679 |

Product specifications

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| TYPE | Pushbutton actuator |
| ACTUATOR COLOR | Black |
| FEATURES | Labelled |
| ACTUATOR FUNCTION | Maintained Switching function latching |
| 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-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

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

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

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

[eaton-operating-pushbutton-m22-dimensions-005.eps](#)

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

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

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

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

[116C078](#)

ECAD MODEL

[ETN.216679.edz](#)

FLYERS

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

INSTALLATION INSTRUCTIONS

[IL04716002Z](#)

INSTALLATION VIDEOS

[RMQ Flat Design](#)

MCAD MODEL

[DA-CS-drucktaste_hoch](#)

[DA-CD-drucktaste_hoch](#)

| | |
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| 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 |
| OPERATING FREQUENCY | 1800 Operations/h |
| 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 |
| 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 |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID | 0 W |
| FORCE FOR POSITIVE OPENING - MIN | 0 N |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| HEAT DISSIPATION PER | 0 W |

MULTIMEDIA

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

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

[easyE4 SmartWire-DT module with Remote Touch Display and RMQ multi color indicator](#)

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

SALES NOTES

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

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

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

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

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|--|--|
| POLE, CURRENT-DEPENDENT PVID | |
| NUMBER OF COMMAND POSITIONS | 1 |
| OPENING DIAMETER | 22.5 mm |
| OPENING HEIGHT | 0 mm |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 0 A |
| BEZEL COLOR | Titanium |
| SHOCK RESISTANCE | Mechanical, According to IEC/EN 60068-2-27 30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
| BEZEL MATERIAL | Plastic |
| DESIGN | Extended Classical |
| MOUNTING POSITION | As required |
| DEGREE OF PROTECTION | IP67 NEMA 3R NEMA 12 NEMA 4X NEMA 13 IP66 IP69K |
| DEGREE OF PROTECTION (FRONT SIDE) | IP67/IP69K NEMA 4X |
| INSCRIPTION | Inscribed |
| FRONT ELEMENT TYPE | High |
| FUNCTIONS | Stay-put/spring-return function can be changed on device |
| LENS TYPE | Round |
| LIFESPAN, MECHANICAL | 1,000,000 Operations (AC operated) |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS | 0 W |
| WIDTH OPENING | 0 mm |
| PRODUCT CATEGORY | RMQ-Titan |
| SIZE | Front dimensions: 22 x 22 mm |

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|-----------------|
| PROJECT NAME: |
| PROJECT NUMBER: |
| PREPARED BY: |
| DATE: |



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