

Specifications



Photo is representative



Eaton 216964

Eaton Moeller® series M22 Illuminated pushbutton actuator, RMQ-Titan, Flush, maintained, White, inscribed 1, Bezel: black

General specifications

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| PRODUCT NAME | Eaton Moeller® series M22 Illuminated pushbutton actuator |
| CATALOG NUMBER | 216964 |
| MODEL CODE | M22S-DRL-W-X1 |
| EAN | 4015082169640 |
| PRODUCT LENGTH/DEPTH | 30 mm |
| PRODUCT HEIGHT | 30 mm |
| PRODUCT WIDTH | 30 mm |
| PRODUCT WEIGHT | 0.012 kg |
| CERTIFICATIONS | CSA Class No.: 3211-03 VDE 0660 CSA-C22.2 No. 94-91 UL Category Control No.: NKCR IEC/EN 60947 CSA CE IEC/EN 60947-5 UL 508 CSA File No.: 012528 CSA-C22.2 No. 14-05 UL UL File No.: E29184 DNV GL LR |
| GLOBAL CATALOG | 216964 |

Product specifications

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| TYPE | Illuminated pushbutton actuator |
| ACTUATOR COLOR | White |
| FEATURES | Labelled |
| ACTUATOR FUNCTION | Switching function latching Maintained |
| 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. |

Resources

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| CATALOGS | eaton-rmq-titan-brochure-br047004en-en-us.pdf Flip catalog - Product Range Catalog - Command and indication |
| DECLARATIONS OF CONFORMITY | eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf eaton-pushbutton-declaration-of-conformity-eu250858en.pdf |
| DRAWINGS | DA-DC-00004135.pdf DA-DC-00004157.pdf eaton-pushbutton-declaration-of-conformity-eu250857en.pdf eaton-operating-pushbutton-m22-dimensions-004.eps eaton-operating-actuation-m22-dimensions-002.eps 116C090 |
| ECAD MODEL | eaton-general-m22-symbol.eps eaton-general-m22-standards.eps eaton-general-approval-m22-symbol.eps eaton-operating-smartwire-m22-3d-drawing.eps |
| FLYERS | eaton-rmq-titan-selection-aid-brochure-fi047002-en-us.pdf |
| INSTALLATION INSTRUCTIONS | IL04716002Z |
| INSTALLATION VIDEOS | RMQ Flat Design |
| MCAD MODEL | DA-CD-drucktaste_flach |

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| 10.3 DEGREE OF PROTECTION OF ASSEMBLIES | Does not apply, since the entire switchgear needs to 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, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |
| 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 |
| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID | 0 W |
| FORCE FOR POSITIVE OPENING - MIN | 0 N |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID | 0 W |

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

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| 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 | Black |
| 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 | Flush Classical |
| MOUNTING POSITION | As required |
| DEGREE OF PROTECTION | NEMA 3R IP69K NEMA 4X IP66 NEMA 12 NEMA 13 IP67 |
| DEGREE OF PROTECTION (FRONT SIDE) | NEMA 4X IP67/IP69K |
| INSCRIPTION | Inscribed |
| 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) |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT | 0 W |
| PVS | |
| WIDTH OPENING | 0 mm |
| PRODUCT CATEGORY | RMQ-Titan |
| SIZE | Front diameter: 29.7 mm |
| SUITABLE FOR | Illumination |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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