

Eaton 216524

Eaton Moeller® series M22 Housing,
Controlled stop pushbuttons/emergency-
stop buttons, Mushroom-shaped, 38 mm,
Non-illuminated, Pull-to-release function, 2
NC, Screw connection, Red, Yellow

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| PRODUCT NAME | Eaton Moeller® series M22 Housing |
| CATALOG NUMBER | 216524 |
| PRODUCT LENGTH/DEPTH | 100 mm |
| PRODUCT HEIGHT | 80 mm |
| PRODUCT WIDTH | 72 mm |
| PRODUCT WEIGHT | 0.194 kg |
| CERTIFICATIONS | CSA CSA-C22.2 No. 14-05 UL 508 CSA-C22.2 No. 94-91 IEC/EN 60947-5 UL CE UL Category Control No.: NKCR UL File No.: E29184 CSA Class No.: 3211-03 CSA File No.: 012528 IEC/EN 60947 VDE 0660 |

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| TYPE | <ul style="list-style-type: none"> Controlled stop pushbutton/emergency-stop button Housing |
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| ACTUATOR COLOR | Red |
| ACTUATOR FUNCTION | Pull-to-release |
| 10.10 TEMPERATURE RISE | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 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 |

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| DECLARATIONS OF CONFORMITY | eaton-emergency-stop-emergency-switching-off-pushbutton-declaration-of-conformity-uk251132en.pdf |
| | IL04716003Z IL04716005Z.pdf |
| | eaton-operating-contact-m22-housing-wiring-diagram-002.eps |
| | eaton-operating-m22-housing-dimensions.eps eaton-operating-emergency-m22-dimensions.eps |
| / | RMQ small E-Stop emergency-stop button |

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| | 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 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. |
| OPERATING FREQUENCY | 600 Operations/h |
| CLIMATIC PROOFING | Damp heat, cyclic, to IEC 60068-2-30 Damp heat, constant, to IEC 60068-2-78 |
| CONNECTION TO SMARTWIRE-DT | No |
| ENCLOSURE MATERIAL | Plastic |
| ACTUATING FORCE | 50 N |
| ACTUATOR DIAMETER | 38 mm |

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| ACTUATOR TRAVEL AND ACTUATION FORCE (DIN EN 60947-5-1) | 4.8 mm |
| 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 | 30 N |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| HEAT DISSIPATION PER POLE, CURRENT- DEPENDENT PVID | 0.11 W |
| KNOB TRAVEL | 5.7 mm |
| NUMBER OF BUTTONS (MUSHROOM SHAPE) | 1 |
| NUMBER OF COMMAND POSITIONS | 1 |
| NUMBER OF CONTACTS (CHANGE- OVER CONTACTS) | 0 |
| NUMBER OF CONTACTS (NORMALLY CLOSED CONTACTS) | 2 |
| NUMBER OF CONTACTS (NORMALLY OPEN CONTACTS) | 0 |
| NUMBER OF KEY SWITCHES | 0 |
| NUMBER OF PILOT LIGHTS | 0 |
| NUMBER OF PUSHBUTTONS | 0 |
| ENCLOSURE COLOR | Yellow |
| ILLUMINATION | Non-illuminated |
| NUMBER OF SWITCHES | 0 |

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| (SELECTOR) | |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MAX | 500 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 50 HZ - MIN | 115 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MAX | 500 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT AC, 60 HZ - MIN | 115 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MAX | 220 V |
| RATED CONTROL SUPPLY VOLTAGE (US) AT DC - MIN | 24 V |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 6 A |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS | 0 W |
| PRODUCT CATEGORY | RMQ-Titan |
| SIZE | Front dimensions: 35 mm |
| DESIGN | Mushroom-shaped |
| MOUNTING POSITION | As required |
| RATED CONDITIONAL SHORT-CIRCUIT CURRENT (IQ) | 1 kA |
| CONNECTION TYPE | Screw connection |
| DEGREE OF PROTECTION | IP Other NEMA 4X, 13 |
| LIFESPAN | 100,000 mechanical Operations |
| SHOCK RESISTANCE | 50 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to |

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| | IEC/EN 60068-2-27 |
| SUITABLE FOR | Emergency stop |

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| PROJECT NAME: |
| PROJECT NUMBER: |
| PREPARED BY: |
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