

Eaton 045646

Eaton Moeller® series RMQ16 Key-operated actuator, 3 positions, blue, maintained Q25S3R-BL

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| PRODUCT NAME | Eaton Moeller® series RMQ16 Key-operated actuator |
| CATALOG NUMBER | 045646 |
| PRODUCT LENGTH/DEPTH | 50 mm |
| PRODUCT HEIGHT | 25 mm |
| PRODUCT WIDTH | 25 mm |
| PRODUCT WEIGHT | 0.023 kg |
| CERTIFICATIONS | CSA File No.: 46552 UL Category Control No.: NKCR CSA UL File No.: E29184 CE CSA-C22.2 No. 14-05 UL 508 IEC/EN 60947 IEC/EN 60947-5 UL CSA Class No.: 3211-03 |

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| TYPE | Key-operated button |
| ACCESSORIES | 1 key included with supplied equipment. |
| ACTUATOR COLOR | Blue |
| ACTUATOR FUNCTION | Key withdrawable in position 2 Switching function latching Maintained Key withdrawable in position 0 |
| 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 |

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| DECLARATIONS OF CONFORMITY | DA-DC-00004158.pdf |
| | DA-DC-00004136.pdf |
| | IL04716016Z |
| | eaton-operating-rmq16-key-operated-actuator-dimensions.eps |

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| | 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. |
| FITTED WITH: | Front ring |
| OPERATING FREQUENCY | 1800 Operations/h |
| POLLUTION DEGREE | 3 |
| CLIMATIC PROOFING | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |
| CONNECTION TO SMARTWIRE-DT | No |
| ACTUATOR TYPE | Key |
| AMBIENT OPERATING TEMPERATURE - MAX | 60 °C |
| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |
| AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX | 40 °C |
| AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN | 25 °C |
| EQUIPMENT HEAT | 0 W |

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| DISSIPATION, CURRENT-DEPENDENT PVID | |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID | 0 W |
| OPENING DIAMETER | 16 mm |
| OPENING HEIGHT | 0 mm |
| OPERATING TORQUE | 0.4 Nm |
| RATED INSULATION VOLTAGE (UI) | 250 V |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 0 A |
| RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX | 24 V |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS | 0 W |
| SWITCHING ANGLE | 45 ° |
| WIDTH OPENING | 0 mm |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 800 V AC |
| BEZEL COLOR | Black |
| SHOCK RESISTANCE | Mechanical, According to IEC/EN 60068-2-27 40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms |
| BEZEL MATERIAL | Plastic |
| TERMINAL CAPACITY | 0.5 - 1.0 mm ² |
| DESIGN | Key operated |
| MOUNTING POSITION | As required |
| TERMINAL SIZE | 2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors 2.8 x 0.8 mm to DIN 46244, Blade terminal |
| OVERVOLTAGE CATEGORY | III |
| CONTROL CIRCUIT RELIABILITY | 1 failure per 10,000,000 switching operations (Statistically determined, |

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| | at 24 V DC/5 mA) 1 failure per 5,000,000 switching operations (statistically determined, at 5 V DC/1 mA) |
| DEGREE OF PROTECTION | NEMA 1 |
| DEGREE OF PROTECTION (FRONT SIDE) | IP65 |
| INDICATOR COLOR | Other |
| LENS TYPE | Square |
| LIFESPAN, MECHANICAL | 3,000,000 Operations |
| NUMBER OF SWITCH POSITIONS | 3 |
| SIZE | Front dimensions: 25 × 25 mm |
| PRODUCT CATEGORY | RMQ16 |

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