

Specifications



Photo is representative

Eaton 090285

Eaton Moeller® series RMQ16 Indicator light, raised, yellow, +filament lamp, 24 V Q25LH-GE/WB

General specifications

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|-----------------------------|---|
| PRODUCT NAME | Eaton Moeller® series RMQ16 Indicator light |
| CATALOG NUMBER | 090285 |
| EAN | 4015080902850 |
| PRODUCT LENGTH/DEPTH | 59 mm |
| PRODUCT HEIGHT | 25 mm |
| PRODUCT WIDTH | 25 mm |
| PRODUCT WEIGHT | 0.011 kg |
| CERTIFICATIONS | UL CSA File No.: 46552 UL Category Control No.: NKCR CE CSA Class No.: 3211-03 IEC/EN 60947-5 UL File No.: E29184 CSA-C22.2 No. 14-05 IEC/EN 60947 CSA UL 508 |
| MODEL CODE | Q25LH-GE/WB |



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Features & Functions

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| BEZEL COLOR | Black |
| BEZEL MATERIAL | Plastic |
| DESIGN | Conical |
| FITTED WITH: | Front ring |
| LENS COLOR | Yellow |

Ambient conditions, mechanical

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| MOUNTING POSITION | As required |
| SHOCK RESISTANCE | 40 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms Mechanical, According to IEC/EN 60068-2-27 |

Electrical rating

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| RATED INSULATION VOLTAGE (UI) | 250 V |
| RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX | 24 V |

General

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| DEGREE OF PROTECTION | NEMA 1 |
| DEGREE OF PROTECTION (FRONT SIDE) | IP65 |
| OPENING DIAMETER | 16 mm |
| OVERVOLTAGE CATEGORY | III |
| POLLUTION DEGREE | 3 |
| PRODUCT CATEGORY | RMQ16 |
| RATED IMPULSE WITHSTAND VOLTAGE (UIMP) | 800 V AC |
| SIZE | Front dimensions: 25 × 25 mm |
| TERMINAL CAPACITY | 0.5 - 1.0 mm ² |
| 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 |
| TYPE | Indicator lights |

Climatic environmental conditions

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| AMBIENT OPERATING TEMPERATURE - MIN | -25 °C |
| AMBIENT OPERATING TEMPERATURE - MAX | 60 °C |
| AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MIN | -25 °C |
| AMBIENT OPERATING TEMPERATURE (ENCLOSED) - MAX | 40 °C |
| CLIMATIC PROOFING | Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30 |

Communication

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| CONNECTION TO SMARTWIRE-DT | No |
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Design verification

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| EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID | 0 W |
| HEAT DISSIPATION CAPACITY PDISS | 0 W |
| HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID | 0 W |
| RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN) | 0 A |
| STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS | 1 W |
| 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 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. |

Resources

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| CATALOGUES | eaton-pushbuttons-signal-towers-sensors-assortment-overview-catalog-ca047003en-en-us.pdf eaton-rmq-titan-brochure-br047004en-en-us.pdf |
| DECLARATIONS OF CONFORMITY | DA-DC-00004158.pdf DA-DC-00004136.pdf |
| DRAWINGS | eaton-operating-indication-rmq16-indicator-light-dimensions.eps eaton-operating-indication-rmq16-indicator-light-3d-drawing.eps eaton-operating-button-rmq16-symbol-003.eps |
| ECAD MODEL | DA-CE-ETN.Q25LH-GE_WB |
| INSTALLATION INSTRUCTIONS | IL04716016Z |
| MCAD MODEL | DA-CS-leucht_h_25 DA-CD-leucht_h_25 |

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| 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. |
| 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. |

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



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