

# Specifications



Photo is representative

## Eaton 090481

Eaton Moeller® series RMQ16 Indicator light, raised, yellow Q25LH-GE

### General specifications

<b>PRODUCT NAME</b>	Eaton Moeller® series RMQ16 Indicator light
<b>CATALOG NUMBER</b>	090481
<b>EAN</b>	4015080904816
<b>PRODUCT LENGTH/DEPTH</b>	59 mm
<b>PRODUCT HEIGHT</b>	25 mm
<b>PRODUCT WIDTH</b>	25 mm
<b>PRODUCT WEIGHT</b>	0.011 kg
<b>CERTIFICATIONS</b>	CSA-C22.2 No. 14-05 CSA File No.: 46552 UL Category Control No.: NKCR CSA UL IEC/EN 60947 CSA Class No.: 3211-03 IEC/EN 60947-5 CE UL 508 UL File No.: E29184
<b>MODEL CODE</b>	Q25LH-GE



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## Features & Functions

<b>BEZEL COLOR</b>	Black
<b>BEZEL MATERIAL</b>	Plastic
<b>DESIGN</b>	Conical
<b>FITTED WITH:</b>	Front ring LED W2x4, 6d, max. 30 V, 1 W
<b>LENS COLOR</b>	Yellow

## Ambient conditions, mechanical

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

## Electrical rating

<b>RATED INSULATION VOLTAGE (UI)</b>	250 V
<b>RATED OPERATIONAL VOLTAGE (UE) AT AC - MAX</b>	24 V

## General

<b>DEGREE OF PROTECTION</b>	NEMA 1
<b>DEGREE OF PROTECTION (FRONT SIDE)</b>	IP65
<b>OPENING DIAMETER</b>	16 mm
<b>OVERVOLTAGE CATEGORY</b>	III
<b>POLLUTION DEGREE</b>	3
<b>PRODUCT CATEGORY</b>	RMQ16
<b>RATED IMPULSE WITHSTAND VOLTAGE (UIMP)</b>	800 V AC
<b>SIZE</b>	Front dimensions: 25 × 25 mm
<b>TERMINAL CAPACITY</b>	0.5 - 1.0 mm <sup>2</sup>
<b>TERMINAL SIZE</b>	2.8 x 0.8 mm to DIN 46244, Blade terminal 2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors
<b>TYPE</b>	Indicator lights

## Climatic environmental conditions

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

## Communication

<b>CONNECTION TO SMARTWIRE-DT</b>	No
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## Design verification

**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** 0 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

**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-00004136.pdf](#)

[DA-DC-00004158.pdf](#)

[eaton-operating-indication-rmq16-indicator-light-dimensions.eps](#)

**DRAWINGS** [eaton-operating-button-rmq16-symbol-003.eps](#)

[eaton-operating-indication-rmq16-indicator-light-3d-drawing.eps](#)

**ECAD MODEL** [DA-CE-ETN.Q25LH-GE](#)

**INSTALLATION INSTRUCTIONS** [IL04716016Z](#)

**MCAD MODEL** [DA-CD-leucht\\_h\\_25](#)

[DA-CS-leucht\\_h\\_25](#)

<b>10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS</b>	Does not apply, since the entire switchgear needs to be evaluated.
<b>10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS</b>	Is the panel builder's responsibility.
<b>10.8 CONNECTIONS FOR EXTERNAL CONDUCTORS</b>	Is the panel builder's responsibility.
<b>10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH</b>	Is the panel builder's responsibility.
<b>10.9.3 IMPULSE WITHSTAND VOLTAGE</b>	Is the panel builder's responsibility.
<b>10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL</b>	Is the panel builder's responsibility.
<b>10.10 TEMPERATURE RISE</b>	Not applicable.
<b>10.11 SHORT-CIRCUIT RATING</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.12 ELECTROMAGNETIC COMPATIBILITY</b>	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
<b>10.13 MECHANICAL FUNCTION</b>	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE: