

# Specifications

## Eaton 088629

Eaton Moeller® series RMQ16 Indicator light, raised, green Q18LH-GN

### General specifications

|                             |                                                                                                                                                                                             |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PRODUCT NAME</b>         | Eaton Moeller® series RMQ16 Indicator light                                                                                                                                                 |
| <b>CATALOG NUMBER</b>       | 088629                                                                                                                                                                                      |
| <b>EAN</b>                  | 4015080886297                                                                                                                                                                               |
| <b>PRODUCT LENGTH/DEPTH</b> | 59 mm                                                                                                                                                                                       |
| <b>PRODUCT HEIGHT</b>       | 18 mm                                                                                                                                                                                       |
| <b>PRODUCT WIDTH</b>        | 18 mm                                                                                                                                                                                       |
| <b>PRODUCT WEIGHT</b>       | 0.009 kg                                                                                                                                                                                    |
| <b>CERTIFICATIONS</b>       | CSA<br>IEC/EN 60947-5<br>CSA Class No.: 3211-03<br>IEC/EN 60947<br>UL File No.: E29184<br>CSA-C22.2 No. 14-05<br>UL 508<br>CE<br>CSA File No.: 46552<br>UL<br>UL Category Control No.: NKCR |
| <b>MODEL CODE</b>           | Q18LH-GN                                                                                                                                                                                    |

## Features & Functions

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

## 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: 18 x 18 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<br>2.8 x 0.8 mm to DIN 46247 and IEC 60760, Fast-on connectors |
| <b>TYPE</b>                                   | Indicator lights                                                                                         |

## 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<br>Mechanical, According to IEC/EN 60068-2-27 |

## 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<br>Damp heat, cyclic, to IEC 60068-2-30 |

## Electrical rating

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

## Communication

|                                   |    |
|-----------------------------------|----|
| <b>CONNECTION TO SMARTWIRE-DT</b> | No |
|-----------------------------------|----|

## Design verification

|                                                                                         |                                                                    |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| <b>EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT PVID</b>                               | 0 W                                                                |
| <b>HEAT DISSIPATION CAPACITY PDISS</b>                                                  | 0 W                                                                |
| <b>HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT PVID</b>                                | 0 W                                                                |
| <b>RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)</b>                    | 0 A                                                                |
| <b>STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT PVS</b>                               | 0 W                                                                |
| <b>10.2.2 CORROSION RESISTANCE</b>                                                      | Meets the product standard's requirements.                         |
| <b>10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES</b>                         | Meets the product standard's requirements.                         |
| <b>10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT</b>       | Meets the product standard's requirements.                         |
| <b>10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS</b> | Meets the product standard's requirements.                         |
| <b>10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION</b>                                 | Please enquire                                                     |
| <b>10.2.5 LIFTING</b>                                                                   | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.2.6 MECHANICAL IMPACT</b>                                                         | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.2.7 INSCRIPTIONS</b>                                                              | Meets the product standard's requirements.                         |
| <b>10.3 DEGREE OF PROTECTION OF ASSEMBLIES</b>                                          | Does not apply, since the entire switchgear needs to be evaluated. |
| <b>10.4 CLEARANCES AND CREEPAGE DISTANCES</b>                                           | Meets the product standard's requirements.                         |
| <b>10.5 PROTECTION AGAINST ELECTRIC SHOCK</b>                                           | 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](#)

### DECLARATIONS OF CONFORMITY

[DA-DC-00004158.pdf](#)  
[DA-DC-00004136.pdf](#)

### DRAWINGS

[eaton-operating-indication-rmq16-indicator-light-dimensions.eps](#)  
[eaton-operating-button-symbol-011.eps](#)  
[eaton-operating-indication-rmq16-indicator-light-3d-drawing.eps](#)

### ECAD MODEL

[DA-CE-ETN.Q18LH-GN](#)

### INSTALLATION INSTRUCTIONS

[IL04716016Z](#)

### MCAD MODEL

[DA-CS-leucht\\_h\\_18](#)  
[DA-CD-leucht\\_h\\_18](#)

|                                                                 |                                                                                                          |
|-----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| <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:**



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