

Indicator light, RMQ-Titan, Flush, without light elements, For filament bulbs, neon bulbs and LEDs up to 2.4 W, with BA 9s lamp socket, Red

**Part no.** M22-LC-R  
**216908**  
**EL Number** 4355437  
**(Norway)**

| General specifications                 |  |
|--|--|
| Product name                           | Eaton Moeller® series M22 Indicator light  |
| Part no.                               | M22-LC-R   |
| EAN                                    | 4015082169084  |
| Product Length/Depth                   | 53 millimetre  |
| Product height                         | 30 millimetre  |
| Product width                          | 30 millimetre  |
| Product weight                         | 0.017 kilogram   |
| Certifications                         | CSA-C22.2 No. 14-05<br>VDE 0660<br>UL File No.: E29184<br>UL<br>IEC/EN 60947<br>CSA Class No.: 3211-03<br>UL 508<br>CSA File No.: 012528<br>IEC/EN 60947-5<br>UL Category Control No.: NKCR<br>CE<br>CSA |
| Product Tradename                      | M22  |
| Product Type                           | Indicator light  |
| Product Sub Type                       | None   |
| Catalog Notes                          | Without light elements   |
| Features & Functions                   |  |
| Bezel color                            | Chrome   |
| Bezel material                         | Other  |
| Design                                 | Flush  |
| Fitted with:                           | BA 9s lamp socket  |
| Lens color                             | Red  |
| General information                    |  |
| Degree of protection                   | NEMA 4X, 13  |
| Degree of protection (front side)      | IP67/IP69K   |
| Opening diameter                       | 22.5 mm  |
| Overvoltage category                   | III  |
| Pollution degree                       | 3  |
| Product category                       | RMQ-Titan  |
| Rated impulse withstand voltage (Uimp) | 4000 V AC  |
| Size                                   | Front diameter: 29.7 mm  |
| Type                                   | Indicator lights   |
| Ambient conditions, mechanical         |  |
| Mounting position                      | As required  |
| Shock resistance                       | 30 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      |  |
| Ambient operating temperature - min    | -25 °C   |
| Ambient operating temperature - max    | 70 °C  |
| Climatic proofing                      | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30   |
| Terminal capacities                    |  |
| Terminal capacity                      | 0.5 - 1.5 mm <sup>2</sup> , stranded<br>0.5 - 1.5 mm <sup>2</sup> , solid  |

|  |  |  |
|--|--|--|
| <b>Electrical rating</b>   |  |  |
| Rated insulation voltage (Ui)  |  | 250 V  |
| <b>Communication</b>   |  |  |
| Connection to SmartWire-DT   |  | No   |
| <b>Contacts</b>  |  |  |
| Force for positive opening - min   |  | 0 N  |
| <b>Design verification</b>   |  |  |
| Equipment heat dissipation, current-dependent Pvid                               |  | 0 W  |
| Heat dissipation capacity Pdis   |  | 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.                                       |
| 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   |  | 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. |

## Technical data ETIM 9.0

|  |    |            |
|--|----|------------|
| Low-voltage industrial components (EG000017) / Front element for indicator light (EC000223)  |    |            |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for warning lights (ecl@ss13-27-37-12-11 [AKF029019]) |    |            |
| Suitable for number of built-in signal lights  |    | 1          |
| Colour lens  |    | Red        |
| Construction type lens   |    | Round      |
| Hole diameter  | mm | 22.5       |
| Width opening  | mm | 0          |
| Height opening   | mm | 22.5       |
| With front ring  |    | No         |
| Material front ring  |    | Other      |
| Colour front ring  |    | Chrome     |
| Type of lens   |    | Flat       |
| Degree of protection (IP), front side  |    | IP67/IP69K |
| Degree of protection (NEMA)  |    | 4X, 13     |