

## Indicator light, RMQ-Titan, Flat, orange

**Part no.** M22-L-A  
**164374**  
**EL Number** 4315270  
**(Norway)**

| <b>General specifications</b>            |  |
|--|--|
| Product name                             | Eaton Moeller® series M22 Indicator light  |
| Part no.                                 | M22-L-A  |
| EAN                                      | 4015081608805  |
| Product Length/Depth                     | 30 millimetre  |
| Product height                           | 30 millimetre  |
| Product width                            | 30 millimetre  |
| Product weight                           | 0.007 kilogram   |
| Compliances                              | Bureau Veritas<br>CE Marked<br>GoST-R  |
| Certifications                           | CSA Certified<br>Lloyd's Register Certified<br>CCC Marked<br>VDE 0660<br>IEC/EN 60947                                  |
| Product Tradename                        | M22  |
| Product Type                             | Indicator light  |
| Product Sub Type                         | None   |
| Catalog Notes                            | Includes contact block mounting adapter.   |
| <b>Features &amp; Functions</b>          |  |
| Bezel color                              | Chrome   |
| Bezel material                           | Other  |
| Design                                   | Flat   |
| Lens color                               | Orange   |
| <b>General information</b>               |  |
| 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  |
| Type                                     | Indicator lights   |
| <b>Ambient conditions, mechanical</b>    |  |
| 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 |
| <b>Climatic environmental conditions</b> |  |
| 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   |
| <b>Terminal capacities</b>               |  |
| Terminal capacity                        | 0.5 - 1.5 mm <sup>2</sup> , solid<br>0.5 - 1.5 mm <sup>2</sup> , stranded  |
| <b>Electrical rating</b>                 |  |
| Rated insulation voltage (Ui)            | 250 V  |
| <b>Communication</b>                     |  |
| Connection to SmartWire-DT               | With SWD-RMQ connections<br>Yes  |

| <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  |    | Orange     |
| 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     |