



Indicator light, RMQ-Titan, Flush, Without lens

Part no. **M22-L-X**  
 Catalog No. **216776**  
 Alternate Catalog No. **M22-L-XQ**  
 EL-Nummer (Norway) **4355708**



**Delivery program**

|                            |   |    |   |
|----------------------------|---|----|---|
| Product range              |   |    | RMQ-Titan                                 |
| Basic function             |   |    | Indicator lights                          |
| Mounting hole diameter     | ∅ | mm | 22.5                                      |
| Single unit/Complete unit  |   |    | Single unit                               |
| Design                     |   |    | Flush                                     |
| <b>Colour</b>              |   |    |   |
| Lens                       |   |    | Without lens                              |
| Degree of Protection       |   |    | IP66, IP67, IP69                          |
| Connection to SmartWire-DT |   |    | yes with SWD-RMQ connections              |
| Ordering information       |   |    | Lenses for indicator lights → accessories |

**Technical data**

**General**

|                             |  |                 |  |
|-----------------------------|--|-----------------|--|
| Standards                   |  |                 | IEC/EN 60947<br>VDE 0660   |
| Climatic proofing           |  |                 | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30   |
| Degree of Protection        |  |                 | IP66, IP67, IP69   |
| Ambient temperature         |  |                 |  |
| Open                        |  | °C              | -25 - +70  |
| Mounting position           |  |                 | As required  |
| Mechanical shock resistance |  | g               | 30<br>Shock duration 11 ms<br>Sinusoidal according to IEC 60068-2-27   |
| Terminal capacities         |  | mm <sup>2</sup> |  |
| Solid                       |  | mm <sup>2</sup> | 0.5 - 1.5  |
| Stranded                    |  | mm <sup>2</sup> | 0.5 - 1.5  |
| shipping classification     |  |                 | DNV<br>GL<br>LR  |
|                             |  |                 |    |

**Contacts**

|                                       |                  |      |       |
|---------------------------------------|------------------|------|-------|
| Rated impulse withstand voltage       | U <sub>imp</sub> | V AC | 4000  |
| Rated insulation voltage              | U <sub>i</sub>   | V    | 250   |
| Overvoltage category/pollution degree |                  |      | III/3 |

**Design verification as per IEC/EN 61439**

|  |                |   |   |
|--|----------------|---|---|
| Technical data for design verification                   |                |   |   |
| Rated operational current for specified heat dissipation | I <sub>n</sub> | A | 0 |

|  |                   |    |  |
|--|-------------------|----|--|
| Heat dissipation per pole, current-dependent   | P <sub>vid</sub>  | W  | 0  |
| Equipment heat dissipation, current-dependent  | P <sub>vid</sub>  | W  | 0  |
| Static heat dissipation, non-current-dependent   | P <sub>vs</sub>   | W  | 0  |
| Heat dissipation capacity  | P <sub>diss</sub> | W  | 0  |
| Operating ambient temperature min.   |                   | °C | -25  |
| Operating ambient temperature max.   |                   | °C | 70   |
| IEC/EN 61439 design verification   |                   |    |  |
| 10.2 Strength of materials and parts   |                   |    |  |
| 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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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 Insulation properties   |                   |    |  |
| 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 8.0

|  |  |    |            |
|--|--|----|------------|
| 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@ss10.0.1-27-37-12-11 [AKF029014]) |  |    |            |
| Suitable for number of built-in signal lights  |  |    | 1          |
| Colour lens  |  |    | Other      |
| Construction type lens   |  |    | Round      |
| Hole diameter  |  | mm | 22.5       |
| Width opening  |  | mm | 0          |
| Height opening   |  | mm | 22.5       |
| With front ring  |  |    | Yes        |
| 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     |

## Approvals

|                         |  |  |  |
|-------------------------|--|--|--|
| Product Standards       |  |  | IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking |
| UL File No.             |  |  | E29184   |
| UL Category Control No. |  |  | NKCR   |
| CSA File No.            |  |  | 012528   |

CSA Class No.

3211-03

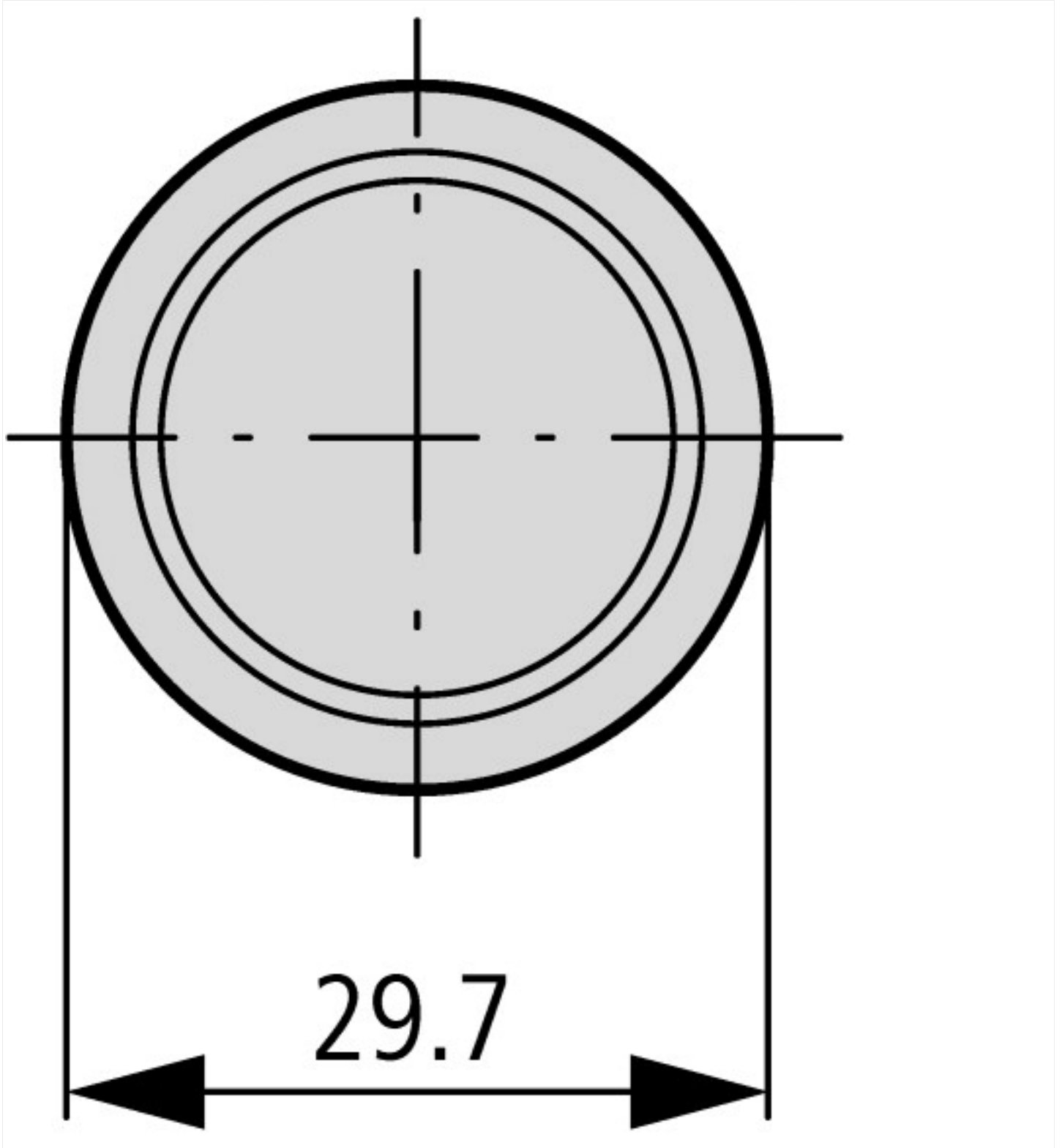
North America Certification

UL listed, CSA certified

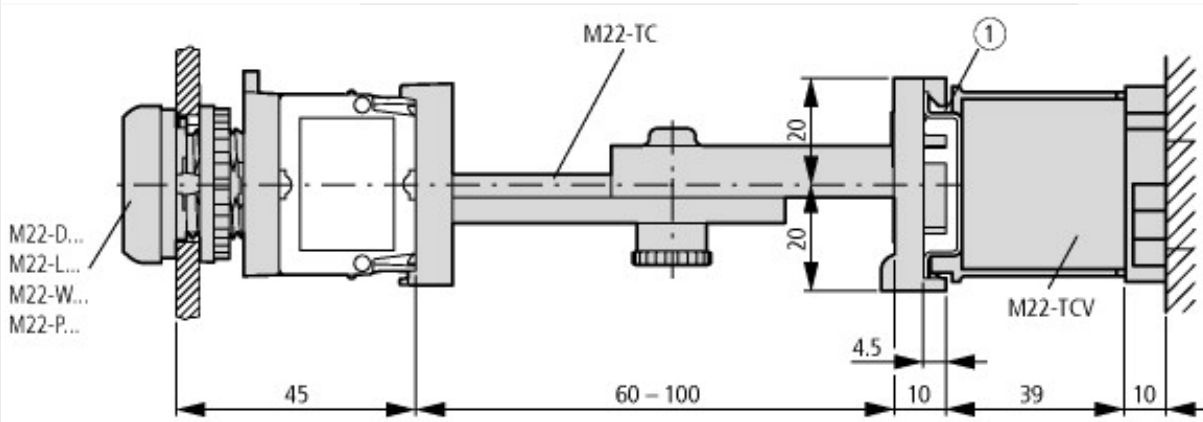
Degree of Protection

UL/CSA Type 3R, 4X, 12, 13

## Dimensions







Pushbuttons and indicator lights with M22-TC telescopic clip and M22-TCV extension  
 ① Top-hat rail to IEC/EN 60715

**Additional product information (links)**

**IL04716002Z (AWA1160-1745) RMQ-Titan System**

IL04716002Z (AWA1160-1745) RMQ-Titan System

[https://es-assets.eaton.com/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL04716002Z2021\\_07.pdf](https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2021_07.pdf)