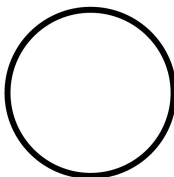



**Indicator light, RMQ-Titan, Flush, white**

**Part no.** M22-L-W  
**Catalog No.** 216771  
**Alternate Catalog No.** M22-L-WQ  
**EL-Nummer (Norway)** 4355332



## Delivery program

|                            |  |  |                                                                                    |
|----------------------------|--|--|------------------------------------------------------------------------------------|
| Product range              |  |  | RMQ-Titan                                                                          |
| Basic function             |  |  | Indicator lights                                                                   |
| Single unit/Complete unit  |  |  | Single unit                                                                        |
| Design                     |  |  | Flush                                                                              |
| <b>Colour</b>              |  |  |                                                                                    |
| Lens                       |  |  | white                                                                              |
| Lens                       |  |  |  |
| Degree of Protection       |  |  | IP66, IP67, IP69                                                                   |
| Connection to SmartWire-DT |  |  | yes<br>with SWD-RMQ connections                                                    |
| Front dimensions           |  |  | 29,7                                                                               |

## 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<br>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 7.0

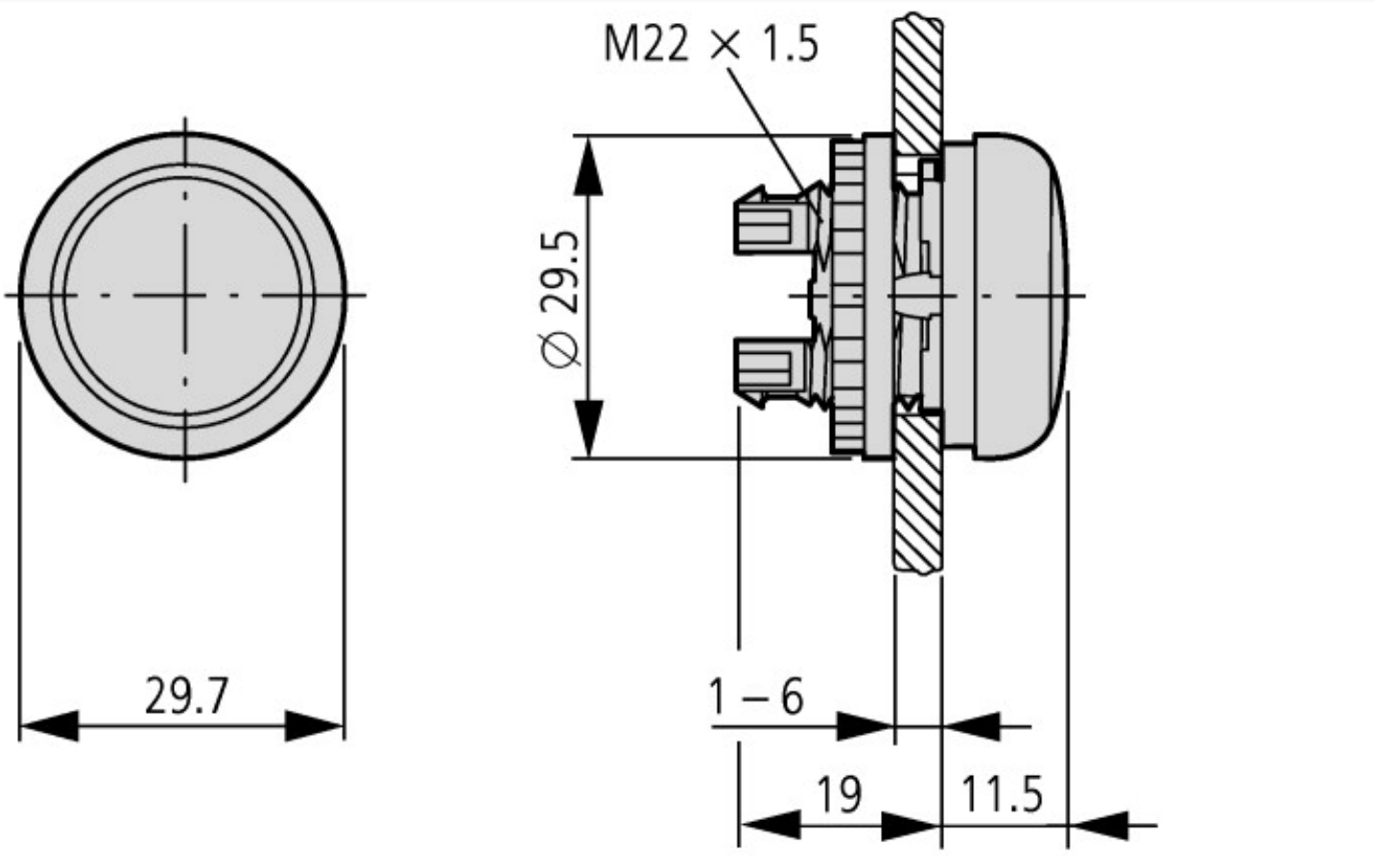
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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|------------|
| Low-voltage industrial components (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                                                                                                                                                                                        |  |    | White      |
| Construction type lens                                                                                                                                                                             |  |    | Round      |
| Hole diameter                                                                                                                                                                                      |  | mm | 22.5       |
| Width opening                                                                                                                                                                                      |  | mm | 0          |
| Height opening                                                                                                                                                                                     |  | mm | 0          |
| With front ring                                                                                                                                                                                    |  |    | Yes        |
| Material front ring                                                                                                                                                                                |  |    | Plastic    |
| Colour front ring                                                                                                                                                                                  |  |    | Chrome     |
| Type of lens                                                                                                                                                                                       |  |    | Flat       |
| Degree of protection (IP), front side                                                                                                                                                              |  |    | IP67/IP69K |

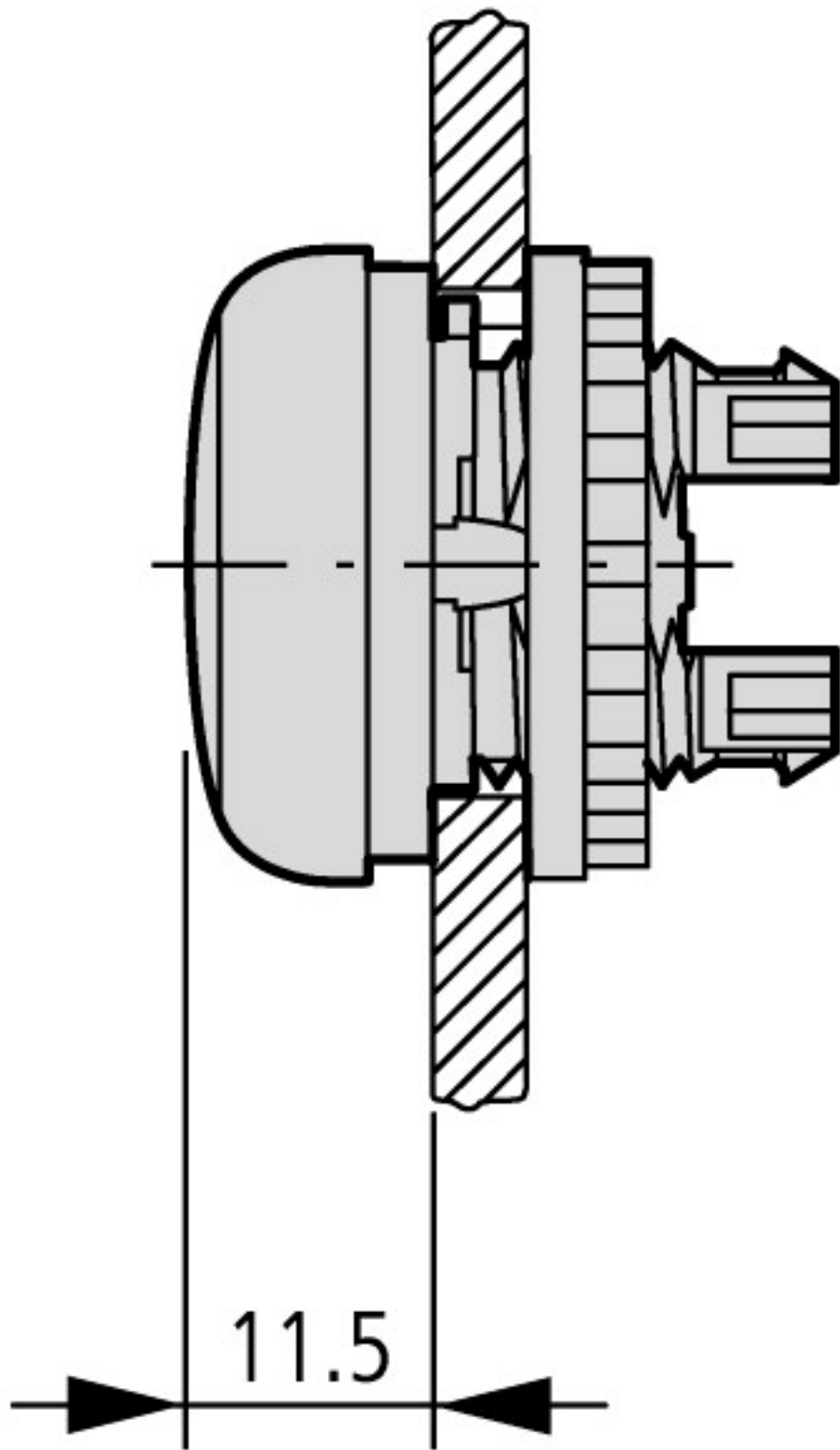
Approvals

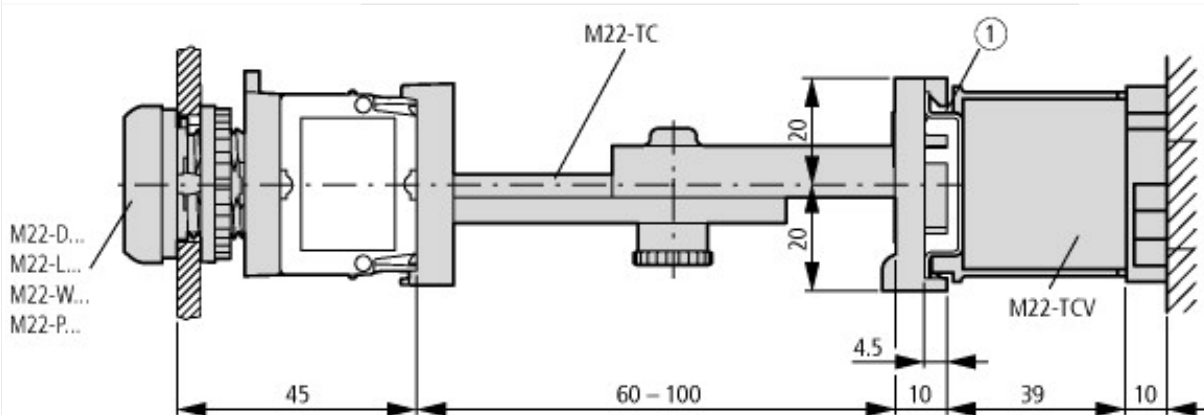
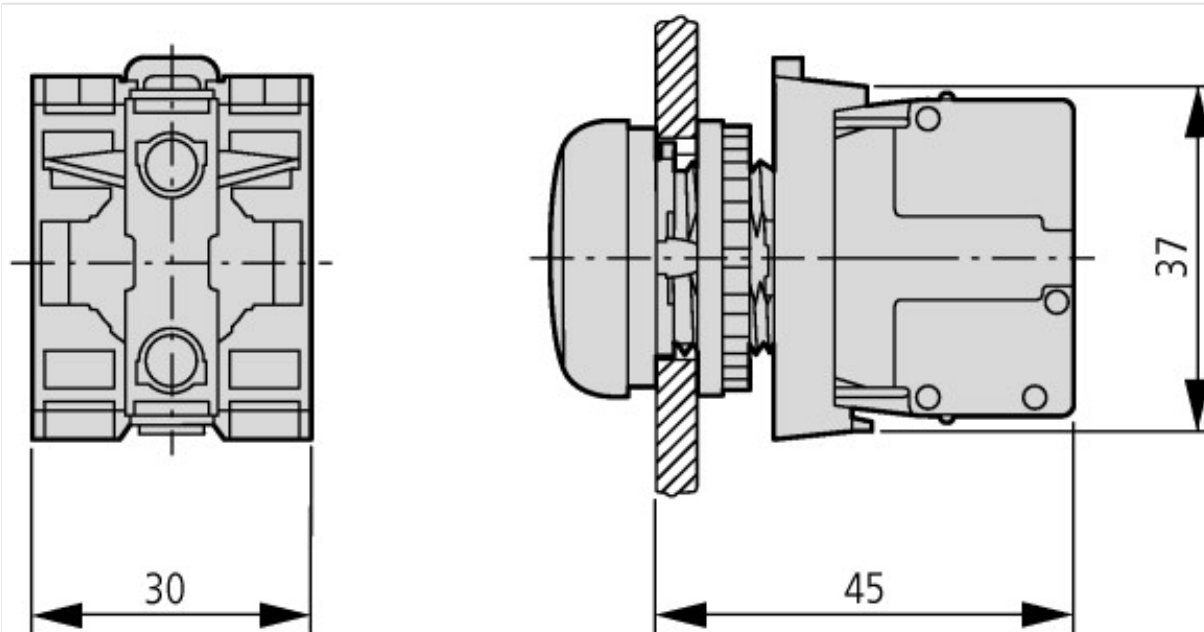
|                   |  |  |                                                                              |
|-------------------|--|--|------------------------------------------------------------------------------|
| Product Standards |  |  | IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 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

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL04716002Z2018\\_10.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2018_10.pdf)