



Ab

Lens, indicator light white, flush, AB

**Part no.** M22-XL-W-D4  
**Catalog No.** 218405  
**Alternate Catalog No.** M22-XL-W-D4Q

Similar to illustration

## Delivery program

|                            |  |                                                                                    |
|----------------------------|--|------------------------------------------------------------------------------------|
| Product range              |  | Accessories                                                                        |
| Basic function accessories |  | Lenses for indicator lights                                                        |
| Description                |  | ≤ 5 characters: letter height 5 mm<br>> 5 characters: letter height 3 mm           |
| Design                     |  | Flush                                                                              |
| Inscription                |  | Ab                                                                                 |
| Selection to               |  | Text                                                                               |
| For use with               |  | M22-L-X<br>M22-LC-X                                                                |
| Colour, symbol             |  |                                                                                    |
|                            |  |  |
| Connection to SmartWire-DT |  | no                                                                                 |

## Technical data

### General

|                     |    |           |
|---------------------|----|-----------|
| Ambient temperature |    |           |
| Open                | °C | -25 - +70 |

## 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

|                                                                                                                                                                                   |  |    |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|-------|
| Low-voltage industrial components (EG000017) / Hood/lens for circuit control devices (EC001072)                                                                                   |  |    |       |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Dome, refractor (ecI@ss10.0.1-27-37-12-31 [AKF049014]) |  |    |       |
| Colour lens                                                                                                                                                                       |  |    | White |
| Lens shape                                                                                                                                                                        |  |    | Round |
| Construction type                                                                                                                                                                 |  |    | Flat  |
| Labelled                                                                                                                                                                          |  |    | Yes   |
| Built-in diameter                                                                                                                                                                 |  | mm | 22    |
| Diameter                                                                                                                                                                          |  | mm | 29.6  |
| Width                                                                                                                                                                             |  | mm | 0     |
| Height                                                                                                                                                                            |  | mm | 8     |

## Approvals

|                             |  |  |                                   |
|-----------------------------|--|--|-----------------------------------|
| North America Certification |  |  | UL/CSA certification not required |
|-----------------------------|--|--|-----------------------------------|