



**Release pushbutton, without label**

**Part no.** M22-DZ-X  
**Catalog No.** 254835  
**Alternate Catalog No.** M22-DZ-XQ

**Delivery program**

|                            |  |  |                                                            |
|----------------------------|--|--|------------------------------------------------------------|
| Accessories                |  |  | General accessories                                        |
| Product range              |  |  | Accessories                                                |
| Basic function accessories |  |  | Reset buttons                                              |
| Accessories                |  |  | Pushbuttons                                                |
| Function                   |  |  | For enclosed overload relays                               |
|                            |  |  | For enclosed overload relays<br>Mounting diameter: 22.3 mm |
| Description                |  |  | Mounting diameter: 22.3 mm                                 |
| Button plate               |  |  | Without button plate, add button plate.                    |
| Front ring                 |  |  | Bezel: titanium                                            |
| Connection to SmartWire-DT |  |  | no                                                         |
| For use with               |  |  | ZW7...<br>ZE<br>Z5<br>ZB12<br>ZB32<br>ZB65<br>ZB150        |

**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                                                               | $I_n$      | A  | 0                                                                  |
| Heat dissipation per pole, current-dependent                                                                           | $P_{vid}$  | W  | 0                                                                  |
| Equipment heat dissipation, current-dependent                                                                          | $P_{vid}$  | W  | 0                                                                  |
| Static heat dissipation, non-current-dependent                                                                         | $P_{vs}$   | W  | 0                                                                  |
| Heat dissipation capacity                                                                                              | $P_{diss}$ | 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. |

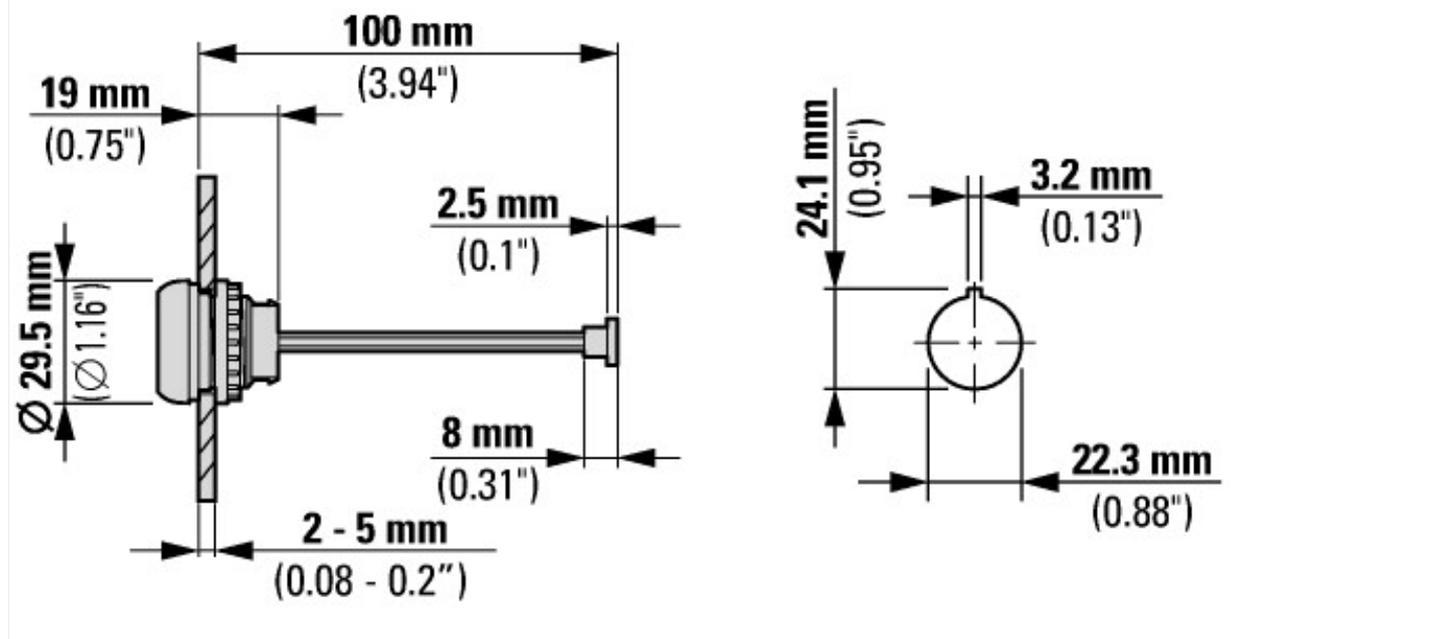
## Technical data ETIM 7.0

|                                                                                                                                                                                                          |  |    |                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|----------------------|
| Low-voltage industrial components (EG000017) / Front element for push button (EC000221)                                                                                                                  |  |    |                      |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for push-button actuators (ec@ss10.0.1-27-37-12-10 [AKF028014]) |  |    |                      |
| Colour button                                                                                                                                                                                            |  |    | Without button plate |
| Number of command positions                                                                                                                                                                              |  |    | 1                    |
| Construction type lens                                                                                                                                                                                   |  |    | Round                |
| Hole diameter                                                                                                                                                                                            |  | mm | 22.5                 |
| Width opening                                                                                                                                                                                            |  | mm | 0                    |
| Height opening                                                                                                                                                                                           |  | mm | 0                    |
| Type of button                                                                                                                                                                                           |  |    | Flat                 |
| Suitable for illumination                                                                                                                                                                                |  |    | No                   |
| With protective cover                                                                                                                                                                                    |  |    | No                   |
| Labelled                                                                                                                                                                                                 |  |    | No                   |
| Switching function latching                                                                                                                                                                              |  |    | No                   |
| Spring-return                                                                                                                                                                                            |  |    | Yes                  |
| With front ring                                                                                                                                                                                          |  |    | Yes                  |
| Material front ring                                                                                                                                                                                      |  |    | Plastic              |
| Colour front ring                                                                                                                                                                                        |  |    | Chrome               |
| Degree of protection (IP), front side                                                                                                                                                                    |  |    | IP67                 |
| Degree of protection (NEMA), front side                                                                                                                                                                  |  |    | 4X                   |

## Approvals

|                                      |  |  |                                                    |
|--------------------------------------|--|--|----------------------------------------------------|
| Product Standards                    |  |  | UL 508; CSA-C22.2 No. 14; IEC/EN 60947; 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                           |
| Specially designed for North America |  |  | No                                                 |

## Dimensions



## 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)