

## Mounting clamp

Part no. **M22-A**  
 Catalog No. **216374**  
 Alternate Catalog No. **M22-AQ**  
 EL-Nummer **4355362**  
 (Norway)



## Delivery program

|                            |        |        |                                                                                                                                                                 |        |        |        |
|----------------------------|--------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|
| Basic function accessories |        |        | Mounting adaptor                                                                                                                                                |        |        |        |
| Function                   |        |        | Mounting clamp (front mounting) for 3-contact LED elements                                                                                                      |        |        |        |
| Description                |        |        | for 1 function element M22-SWD-K... or LED element M22-SWD-LED...<br>in addition 1 or 2 contact elements M22-K.. possible<br>Sequence numbers on fixing adapter |        |        |        |
| Fixing                     |        |        | Front fixing                                                                                                                                                    |        |        |        |
| Connection to SmartWire-DT |        |        | yes                                                                                                                                                             |        |        |        |
| For use with               |        |        | M22-SWD-K...<br>M22-SWD-LED...                                                                                                                                  |        |        |        |
| For use with               |        |        | Contact elements M22-(C)K...<br>LED elements M22-(C)LED...                                                                                                      |        |        |        |
| Configuration              |        |        | <table><tr><td>1<br/>4</td><td>3<br/>6</td><td>2<br/>5</td></tr></table>                                                                                        | 1<br>4 | 3<br>6 | 2<br>5 |
| 1<br>4                     | 3<br>6 | 2<br>5 |                                                                                                                                                                 |        |        |        |

## Technical data

### General

|                     |  |    |                                                                                |
|---------------------|--|----|--------------------------------------------------------------------------------|
| Climatic proofing   |  |    | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30 |
| 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. |

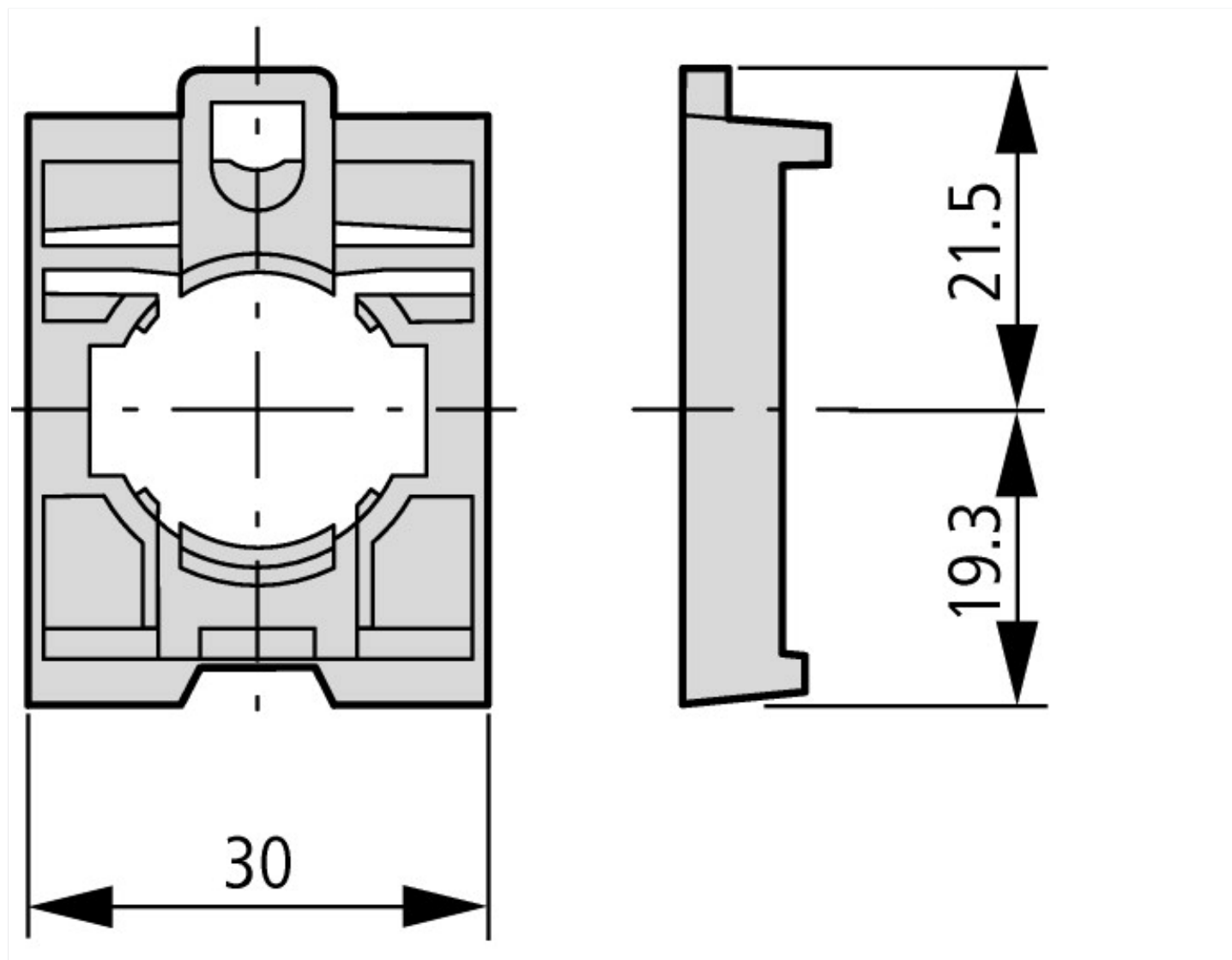
## Technical data ETIM 7.0

|                                                                                                                                                                                               |  |    |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----|----|
| Low-voltage industrial components (EG000017) / Adapter for control circuit devices (EC001020)                                                                                                 |  |    |    |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Adapter for command devices (ecl@ss10.0.1-27-37-12-26 [AKF044014]) |  |    |    |
| Built-in diameter                                                                                                                                                                             |  | mm | 22 |
| Number of appliances to build in                                                                                                                                                              |  |    | 6  |

## 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                                                     |

## Dimensions



Fixing adapters  
Fixing adapter (front mount) for 3-contacts-/LED elements

## Additional product information (links)

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

|                                             |                                                                                                                                                                                   |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IL04716002Z (AWA1160-1745) RMQ-Titan System | <a href="https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2020_09.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWA_INSTRUCTIONS/IL04716002Z2020_09.pdf</a> |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### MN05006002Z (AWB2723-1617) SmartWire-DT, The system

|                                                               |                                                                                                                                                                 |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MN05006002Z (AWB2723-1617) SmartWire-DT, Das System - Deutsch | <a href="https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05006002Z_DE.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05006002Z_DE.pdf</a> |
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|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MN05006002Z (AWB2723-1617) SmartWire-DT, The system - English | <a href="https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05006002Z_EN.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05006002Z_EN.pdf</a> |
|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                |                                                                                                                                                                 |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MN05006002Z (AWB2723-1617) SmartWire-DT, il sistema - italiano | <a href="https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05006002Z_IT.pdf">https://es-assets.eaton.com/DOCUMENTATION/AWB_MANUALS/MN05006002Z_IT.pdf</a> |
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