

DATASHEET - M22-A



Mounting clamp

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



Powering Business Worldwide™



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 h   |                   |    |  |
|   |                   |    | Meets the product standard's requirements.                         |
| 10.2.3.3 Verification of resistance of insulating materials to abnormal 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) / Adapter for command 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  |  |    | 1  |

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



