

## Mounting ring tool

|                       |         |
|-----------------------|---------|
| Part no.              | R16-MS  |
| Catalog No.           | 090297  |
| Alternate Catalog No. | R16-MS  |
| EL-Nummer (Norway)    | 4356339 |

## Delivery program

|                            |  |                                  |
|----------------------------|--|----------------------------------|
| Product range              |  | Accessories                      |
| Accessories                |  | General accessories              |
| Basic function accessories |  | Mounting ring tools              |
| Single unit/Complete unit  |  | Single unit                      |
|                            |  | For lock nut with bulb extractor |
| Connection to SmartWire-DT |  | no                               |

## 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 | 60                                                                                                       |
| 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 8.0

Low-voltage industrial components (EG000017) / Special tool for control circuit devices (EC002032)

|                                                                                                                                                                                                                 |  |  |                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|-----------------|
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Special tool for command and alarm devices<br>(ecI@ss10.0.1-27-37-12-04 [AC0045011]) |  |  |                 |
| Model                                                                                                                                                                                                           |  |  | Mounting wrench |