



**Roller plunger head, AT4, 2, For use with I-AT4, IA-AT4**

**Part no.** RS-AT4  
**Catalog No.** 024502  
**Alternate Catalog No.** -  
**EL-Nummer (Norway)** 4356055

**Delivery program**

|                              |  |         |  |
|------------------------------|--|---------|--|
| Basic function               |  |         | Operating heads                          |
| Part group reference         |  |         | AT4                                      |
| Product range                |  |         | Roller plunger                           |
| Design                       |  |         | EN 50041 Form C                          |
| Description                  |  |         | For completing insulated enclosure I-AT4 |
| Max. operating speed lateral |  |         | 2  |
| Angle of actuation           |  | Degrees | 10                                       |
| For use with                 |  |         | I-AT4<br>IA-AT4                          |

**Notes** The operating head can be rotated at 90° intervals to adapt to the specified approach direction.

**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  |            |    |  |
| 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

Sensors (EG000026) / Drive head for position switches/hinge switches (EC001483)

Electric engineering, automation, process control engineering / Binary sensor technology, safety-related sensor technology / Position switch / Drive head for position switches (ecl@ss10.0.1-27-27-06-04 [BAA083012])

Type of control element

Roller cam

## Assets (links)

### Declaration of CE Conformity

00002833

### Instruction Leaflets

IL05208012Z2018\_06

## Additional product information (links)

**IL05208012Z (AWA1310-0544) Position switch**

IL05208012Z (AWA1310-0544) Position switch [ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL05208012Z2018\\_06.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL05208012Z2018_06.pdf)