**Key-operated actuator, RMQ-Titan, Key operated, maintained,**

Not suitable for master key systems, 3 positions, selectable, Key
withdrawable in position 0, I, II, Bezel: titanium

<table>
<thead>
<tr>
<th>Part no.</th>
<th>M22-WRS3-MS*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalog No.</td>
<td>216903</td>
</tr>
<tr>
<td>Alternate Catalog No.</td>
<td>-</td>
</tr>
<tr>
<td>EL-Nummer (Norway)</td>
<td>4355702</td>
</tr>
</tbody>
</table>

### Delivery program

<table>
<thead>
<tr>
<th>Product range</th>
<th>RMQ-Titan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Basic function</td>
<td>Key-operated buttons</td>
</tr>
<tr>
<td>Mounting hole diameter</td>
<td>22.5 mm</td>
</tr>
<tr>
<td>Single unit/Complete unit</td>
<td>Single unit</td>
</tr>
<tr>
<td>Design</td>
<td>Key operated maintained</td>
</tr>
</tbody>
</table>

**Function:**

- 60° ≠ 60°
- Not suitable for master key systems
- 3 positions

**Lock mechanism**

- Select from MS1–MS20

**Key withdrawable in position**

- I
- 0
- II

**Degree of Protection**

- IP66

**Front ring**

- Bezel: titanium

**Connection to SmartWire-DT**

- Yes with SWD-RMQ connections

**Front dimensions**

- 29.7

**Instructions**

- Stay-put/spring-return function, can be changed with coding parts M22-XC-Y
- Key withdraw convertible with coding adapters M22-XC-
- with plunger bridge for the middle contact

**Information about equipment supplied**

- With 1 key

### Technical data

#### General

**Standards**

- IEC/EN 60947
- VDE 0660

**Lifespan, mechanical**

- Operations \( \times 10^6 \): > 0.1

**Operating frequency**

- Operations/h: ≤ 100

**Operating torque**

- Nm: ≤ 0.5

**Climatic proofing**

- Damp heat, constant, to IEC 60068-2-78
- Damp heat, cyclic, to IEC 60068-2-30

**Degree of Protection**

- IP66

**Ambient temperature**

- Open: -25 - +70°C

**Mounting position**

- As required

**Mechanical shock resistance**

- g: 30
  - Shock duration 11 ms Sinusoidal according to IEC 60068-2-27

**shipping classification**

- DNV
- GL
- LR
Design verification as per IEC/EN 61439

Technical data for design verification

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated operational current for specified heat dissipation</td>
<td>$I_n$ A 0</td>
</tr>
<tr>
<td>Heat dissipation per pole, current-dependent</td>
<td>$P_{vid}$ W 0</td>
</tr>
<tr>
<td>Equipment heat dissipation, current-dependent</td>
<td>$P_{vid}$ W 0</td>
</tr>
<tr>
<td>Static heat dissipation, non-current-dependent</td>
<td>$P_{vs}$ W 0</td>
</tr>
<tr>
<td>Heat dissipation capacity</td>
<td>$P_{diss}$ W 0</td>
</tr>
<tr>
<td>Operating ambient temperature min.</td>
<td>°C -25</td>
</tr>
<tr>
<td>Operating ambient temperature max.</td>
<td>°C 70</td>
</tr>
</tbody>
</table>

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 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 selector switch (EC000222)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Command and alarm device / Front element for selector switches (ecl@ss10.0.1-27-37-12-13 [AKF031014])

Number of switch positions
3

Type of control element
Key

Suitable for illumination
No

Colour control element
Black

Colour indicator light cap
Other

Construction type lens
Round
<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole diameter</td>
<td>22.5 mm</td>
</tr>
<tr>
<td>Width opening</td>
<td>0 mm</td>
</tr>
<tr>
<td>Height opening</td>
<td>0 mm</td>
</tr>
<tr>
<td>Switching function latching</td>
<td>Yes</td>
</tr>
<tr>
<td>Spring-return</td>
<td>No</td>
</tr>
<tr>
<td>With front ring</td>
<td>Yes</td>
</tr>
<tr>
<td>Material front ring</td>
<td>Plastic</td>
</tr>
<tr>
<td>Colour front ring</td>
<td>Other</td>
</tr>
<tr>
<td>Degree of protection (IP), front side</td>
<td>IP66</td>
</tr>
<tr>
<td>Degree of protection (NEMA)</td>
<td>4X</td>
</tr>
</tbody>
</table>

### Approvals

<table>
<thead>
<tr>
<th>Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Standards</td>
<td>IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05; CSA-C22.2 No. 94-91; CE marking</td>
</tr>
<tr>
<td>UL File No.</td>
<td>E29184</td>
</tr>
<tr>
<td>UL Category Control No.</td>
<td>NKCR</td>
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<tr>
<td>CSA File No.</td>
<td>012528</td>
</tr>
<tr>
<td>CSA Class No.</td>
<td>3211-03</td>
</tr>
<tr>
<td>North America Certification</td>
<td>UL listed, CSA certified</td>
</tr>
<tr>
<td>Degree of Protection</td>
<td>UL/CSA Type 3R, 4X, 12, 13</td>
</tr>
</tbody>
</table>

### Dimensions

![Dimensions Diagram](attachment:image.png)
Individual lock mechanism

Additional product information (links)

IL04716002Z (AWA1166-1745) RMG-Titan System