### DATASHEET - M22-WRS-2K10-BVP

No.

(Norway)



Key-operated actuator, RMQ-Titan, maintained, 2 positions, 2 NO



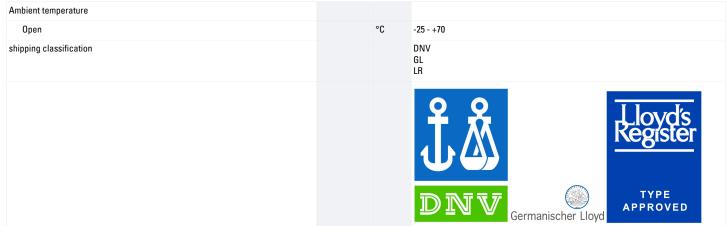
M22-WRS-2K10-BVP Part no. Catalog No. 110918 Alternate Catalog M22-WRS-2K10-BVPQ **EL-Nummer** 4356241

**Delivery program** 

|     | RMQ-Titan  |                                  |
|-----|--|----------------------------------|
|     | Blister pack for hanging.<br>Complete practical solution.<br>Can be ordered using a single article no. |                                  |
|     | no   |                                  |
|     |  |                                  |
| amp | M22-WRS<br>M22-A<br>M22-K10  |                                  |
|     | ed actuator<br>lamp<br>ment  | ed actuator M22-WRS<br>amp M22-A |

### **Technical data**

#### General



# Design verification as per IEC/EN 61439

| Technical data for design verification  |                   |    |  |
|---|-------------------|----|--|
| Rated operational current for specified heat dissipation  | I <sub>n</sub>    | А  | 6  |
| Heat dissipation per pole, current-dependent  | P <sub>vid</sub>  | W  | 0.11   |
| 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<br>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                                   | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 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            |    | 2       |
|---------------------------------------|----|---------|
| Type of control element               |    | Кеу     |
| Suitable for illumination             |    | No      |
| Colour control element                |    | Black   |
| Colour indicator light cap            |    | Other   |
| Construction type lens                |    | Round   |
| Hole diameter                         | mm | 22.5    |
| Width opening                         | mm | 0       |
| Height opening                        | mm | 0       |
| Switching function latching           |    | Yes     |
| Spring-return                         |    | No      |
| With front ring                       |    | Yes     |
| Material front ring                   |    | Plastic |
| Colour front ring                     |    | Chrome  |
| Degree of protection (IP), front side |    | IP66    |
| Degree of protection (NEMA)           |    | 4X      |
|                                       |    |         |

### Assets (links)

Declaration of CE Conformity 00003256

## Additional product information (links)

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

IL04716002Z (AWA1160-1745) RMQ-Titan System

ftp://ftp.moeller.net/DOCUMENTATION/AWA\_INSTRUCTIONS/IL04716002Z2018\_10.pdf