

**Illuminated selector switch actuator, RMQ-Titan, With thumb-grip, momentary, 3 positions, Blue, Bezel: titanium**



**Part no. M22-WLK3-B**

**216841**

**EL Number**

**4355757**

**(Norway)**

|                                   |                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product name                      | Eaton Moeller® series M22 Illuminated selector switch actuator                                                                                                                                                                                                                                                              |
| Part no.                          | M22-WLK3-B                                                                                                                                                                                                                                                                                                                  |
| EAN                               | 4015082168414                                                                                                                                                                                                                                                                                                               |
| Product Length/Depth              | 46 millimetre                                                                                                                                                                                                                                                                                                               |
| Product height                    | 30 millimetre                                                                                                                                                                                                                                                                                                               |
| Product width                     | 30 millimetre                                                                                                                                                                                                                                                                                                               |
| Product weight                    | 0.013 kilogram                                                                                                                                                                                                                                                                                                              |
| Compliances                       | CE Marked                                                                                                                                                                                                                                                                                                                   |
| Certifications                    | EN 60947-5<br>IEC 60947-5<br>UL 508<br>CSA Std. C22.2 No. 14-05<br>CSA Std. C22.2 No. 94-91<br>VDE<br>IEC/EN 60947-5<br>CSA-C22.2 No. 94-91<br>IEC/EN 60947<br>UL File No.: E29184<br>CSA File No.: 012528<br>CSA-C22.2 No. 14-05<br>VDE 0660<br>CE<br>UL Category Control No.: NKCR<br>CSA Class No.: 3211-03<br>CSA<br>UL |
| Product Tradename                 | M22                                                                                                                                                                                                                                                                                                                         |
| Product Type                      | Illuminated selector switch actuator                                                                                                                                                                                                                                                                                        |
| Product Sub Type                  | None                                                                                                                                                                                                                                                                                                                        |
| Bezel color                       | Titanium                                                                                                                                                                                                                                                                                                                    |
| Bezel material                    | Plastic                                                                                                                                                                                                                                                                                                                     |
| Color                             | Blue                                                                                                                                                                                                                                                                                                                        |
| Design                            | With thumb-grip                                                                                                                                                                                                                                                                                                             |
| Fitted with:                      | Front ring                                                                                                                                                                                                                                                                                                                  |
| Functions                         | Stay-put/spring-return function, can be changed with coding parts M22-XC-Y                                                                                                                                                                                                                                                  |
| Accessories                       | Thumb grip                                                                                                                                                                                                                                                                                                                  |
| Degree of protection              | NEMA 4X, 13                                                                                                                                                                                                                                                                                                                 |
| Degree of protection (front side) | IP66                                                                                                                                                                                                                                                                                                                        |
| Lifespan, mechanical              | 100,000 Operations                                                                                                                                                                                                                                                                                                          |
| Opening diameter                  | 22.5 mm                                                                                                                                                                                                                                                                                                                     |
| Operating frequency               | 2000 Operations/h                                                                                                                                                                                                                                                                                                           |
| Operating torque                  | 0.3 N·m                                                                                                                                                                                                                                                                                                                     |
| Product category                  | RMQ-Titan                                                                                                                                                                                                                                                                                                                   |
| Size                              | Front diameter: 29.7 mm                                                                                                                                                                                                                                                                                                     |
| Suitable for                      | Illumination                                                                                                                                                                                                                                                                                                                |
| Switching angle                   | 40 °                                                                                                                                                                                                                                                                                                                        |
| Type                              | Illuminated selector switch actuator                                                                                                                                                                                                                                                                                        |
| Mounting position                 | As required                                                                                                                                                                                                                                                                                                                 |
| Shock resistance                  | Mechanical, According to IEC/EN 60068-2-27<br>30 g, Mechanical, According to IEC/EN 60068-2-27, Sinusoidal shock 11 ms                                                                                                                                                                                                      |

|                                                                                  |  |  |                                                                                                          |
|----------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------|
| Ambient operating temperature - min                                              |  |  | -25 °C                                                                                                   |
| Ambient operating temperature - max                                              |  |  | 70 °C                                                                                                    |
| Climatic proofing                                                                |  |  | Damp heat, constant, to IEC 60068-2-78<br>Damp heat, cyclic, to IEC 60068-2-30                           |
|                                                                                  |  |  |                                                                                                          |
| Connection to SmartWire-DT                                                       |  |  | Yes<br>With SWD-RMQ connections                                                                          |
|                                                                                  |  |  |                                                                                                          |
| Actuator color                                                                   |  |  | Black                                                                                                    |
| Actuator function                                                                |  |  | Spring-return<br>Momentary                                                                               |
| Actuator type                                                                    |  |  | Toggle                                                                                                   |
| Number of switch positions                                                       |  |  | 3                                                                                                        |
|                                                                                  |  |  |                                                                                                          |
| Force for positive opening - min                                                 |  |  | 0 N                                                                                                      |
|                                                                                  |  |  |                                                                                                          |
| Equipment heat dissipation, current-dependent P <sub>vid</sub>                   |  |  | 0 W                                                                                                      |
| Heat dissipation capacity P <sub>diss</sub>                                      |  |  | 0 W                                                                                                      |
| Heat dissipation per pole, current-dependent P <sub>vid</sub>                    |  |  | 0 W                                                                                                      |
| Rated operational current for specified heat dissipation (I <sub>n</sub> )       |  |  | 0 A                                                                                                      |
| Static heat dissipation, non-current-dependent P <sub>vs</sub>                   |  |  | 0 W                                                                                                      |
| 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 Resist. of insul. mat. to abnormal heat/fire by internal elect. 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.                                                                   |
| 10.9.2 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) / 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                                                                                                                                                                               |  |    | Toggle |
| Suitable for illumination                                                                                                                                                                             |  |    | Yes    |
| Colour control element                                                                                                                                                                                |  |    | Black  |
| Colour indicator light cap                                                                                                                                                                            |  |    | Blue   |
| Construction type lens                                                                                                                                                                                |  |    | Round  |
| Hole diameter                                                                                                                                                                                         |  | mm | 22.5   |
| Width opening                                                                                                                                                                                         |  | mm | 0      |

|                                       |  |    |          |
|---------------------------------------|--|----|----------|
| Height opening                        |  | mm | 0        |
| Switching function latching           |  |    | No       |
| Spring-return                         |  |    | Yes      |
| With front ring                       |  |    | Yes      |
| Material front ring                   |  |    | Plastic  |
| Colour front ring                     |  |    | Titanium |
| Degree of protection (IP), front side |  |    | IP66     |
| Degree of protection (NEMA)           |  |    | 4X, 13   |