

**Door coupling rotary handle, red-yellow for emergency switching off, size 1**



**Part no. NZM1-XTVDVR**

**260178**

**EL Number**

**4358729**

**(Norway)**

| <b>General specifications</b>                  |  |   |
|--|--|---|
| Product name                                   |  | Eaton Moeller series NZM operating element  |
| Part no.                                       |  | NZM1-XTVDVR   |
| EAN  |  | 4015082601782   |
| Product Length/Depth                           |  | 75 millimetre   |
| Product height                                 |  | 190 millimetre  |
| Product width                                  |  | 90 millimetre   |
| Product weight                                 |  | 0.632 kilogram  |
| Compliances                                    |  | IEC<br>UL/CSA<br>RoHS conform   |
| Certifications                                 |  | UL (File No. E140305)<br>UL489<br>UL listed<br>CSA-C22.2 No. 5-09<br>UL (Category Control Number DIHS)<br>CSA (Class No. 1437-01)<br>CE marking<br>CSA certified<br>IEC60947<br>CSA (File No. 22086)  |
| Product Tradename                              |  | NZM   |
| Product Type                                   |  | Accessories   |
| Product Sub Type                               |  | Operating element   |
| <b>Delivery program</b>                        |  |   |
| Type   |  | Accessory<br>Door coupling rotary handle  |
| Features                                       |  | Red-yellow for emergency switching off<br>Lockable  |
| Special features                               |  | Door coupling rotary handle for operating the switch through a closed control panel door<br>External warning plate/designation label can be clipped on.<br>Complete including rotary drive and coupling parts<br>Extension shaft additionally required. |
| Frame  |  | NZM1  |
| Fitted with:                                   |  | Padlock   |
| Suitable for                                   |  | Switch disconnecter<br>Emergency stop<br>Power circuit breaker  |
| Used with                                      |  | NZM1(-4), PN1(-4), N(S)1(-4)  |
| <b>Technical Data - Mechanical</b>             |  |   |
| Color  |  | Red   |
| Cover/door type                                |  | Door interlock not defeated in the locked OFF position.<br>Door can be opened in OFF<br>Door interlock can be modified in the unlocked ON position<br>Door interlock can be modified such that it can be defeated from the outside using a screwdriver  |
| Degree of protection / NEMA enclosure type     |  | IP66<br>4X. 12  |
| Lock number                                    |  | Double lockable   |
| Locking facility                               |  | With door interlock<br>Lockable on the handle on the switch using up to 3 padlocks  |
| Special features                               |  | Door coupling rotary handle for operating the switch through a closed control panel door<br>External warning plate/designation label can be clipped on.<br>Complete including rotary drive and coupling parts<br>Extension shaft additionally required. |
| <b>Design verification as per IEC/EN 61439</b> |  |   |
| 10.2.2 Corrosion resistance                    |  | Meets the product standard's requirements.  |

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| 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                                 |  |  | Meets the product standard's requirements.   |
| 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   |  |  | 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 9.0

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| Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)   |  |  |        |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss13-27-37-04-14 [AKF012019]) |  |  |        |
| With restart blockage  |  |  | No     |
| With key lock  |  |  | No     |
| Padlock locking  |  |  | Yes    |
| Colour   |  |  | Red    |
| Suitable for emergency stop  |  |  | Yes    |
| With extension shaft   |  |  | No     |
| Suitable for power circuit breaker   |  |  | Yes    |
| Suitable for switch disconnecter   |  |  | Yes    |
| Degree of protection (NEMA)  |  |  | 4X, 12 |