

Rotary handle, toggle, red, lockable, size 1



Part no. **NZM1-XDVGR**  
**285249**

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|--|--|---|
| <b>General specifications</b>  |  |   |
| Product name   |  | Eaton Moeller series NZM operating element  |
| Part no.   |  | NZM1-XDVGR  |
| EAN  |  | 4015082852498   |
| Product Length/Depth   |  | 80 millimetre   |
| Product height   |  | 54 millimetre   |
| Product width  |  | 90 millimetre   |
| Product weight   |  | 0.16 kilogram   |
| Compliances  |  | IEC<br>UL/CSA<br>RoHS conform   |
| Product Tradename  |  | NZM   |
| Product Type   |  | Accessories   |
| Product Sub Type   |  | Operating element   |
| <b>Delivery program</b>  |  |   |
| Type   |  | Accessory Rotary handle on circuit-breaker  |
| Features   |  | Red-yellow for emergency switching off<br>Lockable  |
| Special features   |  | Complete with rotary drive Can be combined with insulating surround MODAN handle position detection by wire release can be retrofitted Makes it possible to operate the switch with a rotational movement and provides locking facilities |
| Frame  |  | NZM1  |
| Fitted with:   |  | Padlock<br>Extension shaft  |
| Suitable for   |  | Switch disconnecter<br>Power circuit breaker<br>Emergency stop  |
| Used with  |  | NZM1(-4), PN1(-4), N(S)1(-4)  |
| <b>Technical Data - Mechanical</b>   |  |   |
| Color  |  | Red   |
| Degree of protection / NEMA enclosure type                                       |  | IP20<br>4X. 12  |
| Activation type  |  | Rotary handle   |
| Locking facility   |  | Lockable on the 0 position on the handle using up to 3 padlocks   |
| Special features   |  | Complete with rotary drive Can be combined with insulating surround MODAN handle position detection by wire release can be retrofitted Makes it possible to operate the switch with a rotational movement and provides locking facilities |
| <b>Design verification as per IEC/EN 61439</b>                                   |  |   |
| 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                                 |  | 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.  |

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| 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   |  | Yes    |
| Suitable for power circuit breaker   |  | Yes    |
| Suitable for switch disconnecter   |  | Yes    |
| Degree of protection (NEMA)  |  | 4X, 12 |