



Door coupling rotary handle, red-yellow, max 60mm shaft, size 1

**Part no. NZM1-XTVDVR-60
271512**

| General specifications | | |
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| Product name | | Eaton Moeller series NZM operating element |
| Part no. | | NZM1-XTVDVR-60 |
| EAN | | 4015082715120 |
| Product Length/Depth | | 75 millimetre |
| Product height | | 190 millimetre |
| Product width | | 90 millimetre |
| Product weight | | 0.645 kilogram |
| Compliances | | IEC UL/CSA RoHS conform |
| Certifications | | UL (File No. E140305) UL (Category Control Number DIHS) UL489 CSA certified CSA (Class No. 1437-01) CSA-C22.2 No. 5-09 CE marking IEC60947 UL listed CSA (File No. 22086) |
| Product Tradename | | NZM |
| Product Type | | Accessories |
| Product Sub Type | | Operating element |
| Delivery program | | |
| Type | | Accessory Door coupling rotary handle |
| Features | | Lockable Red-yellow for emergency switching off |
| Special features | | Complete including rotary drive and coupling parts Extension shaft additionally required. For maximum shaft length 60 mm Without shaft support Cannot be combined with NZM...-XDZ additional handle External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door |
| Frame | | NZM1 |
| Fitted with: | | Padlock Extension shaft |
| Suitable for | | Power circuit breaker Emergency stop Switch disconnecter |
| Used with | | NZM1(-4), PN1(-4), N(S)1(-4) |
| Technical Data - Mechanical | | |
| Color | | Red |
| Cover/door type | | Door interlock can be modified such that it can be defeated from the outside using a screwdriver Door can be opened in OFF Door interlock can be modified in the unlocked ON position Door interlock not defeated in the locked OFF position. |
| Degree of protection / NEMA enclosure type | | IP66 4X. 12 |
| Lock number | | Double lockable |
| Locking facility | | Lockable on the handle on the switch using up to 3 padlocks With door interlock |
| Special features | | Complete including rotary drive and coupling parts Extension shaft additionally required. For maximum shaft length 60 mm Without shaft support Cannot be combined with NZM...-XDZ additional handle External warning plate/designation label can be clipped on. Door coupling rotary handle for operating the switch through a closed control panel door |
| Design verification as per IEC/EN 61439 | | |
| 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. |

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