



Door coupling rotary handle, red-yellow max 60mm shaft, size 2

Part no. NZM2-XTVDVR-60-NA
Article no. 100672

Similar to illustration

Delivery program

| | | |
|------------------------------|--|--|
| Product range | | Accessories |
| Accessories | | Door coupling rotary handle |
| Standard/Approval | | UL/CSA, IEC |
| Construction size | | NZM2 |
| Description | | Door coupling rotary handle for operating the switch through a closed control panel door |
| Function | | Red-yellow for emergency switching off |
| Protection class | | IP66 UL/CSA Type 4X, Type 12 |
| Locking facility | | lockable on the handle on the switch using up to 3 padlocks With door interlock |
| Door interlock | | Not defeated in the locked OFF position. Door opens only with active rotation beyond the 0 position |
| Project planning information | | Complete including rotary drive and coupling parts Extension shaft additionally required. Cannot be combined with mechanical interlock 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. |
| For use with | | NZM2, N(S)2 |
| lockable | | single |

Design verification as per IEC/EN 61439

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|--|--|--|
| 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 and fire due to internal electric 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 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. |

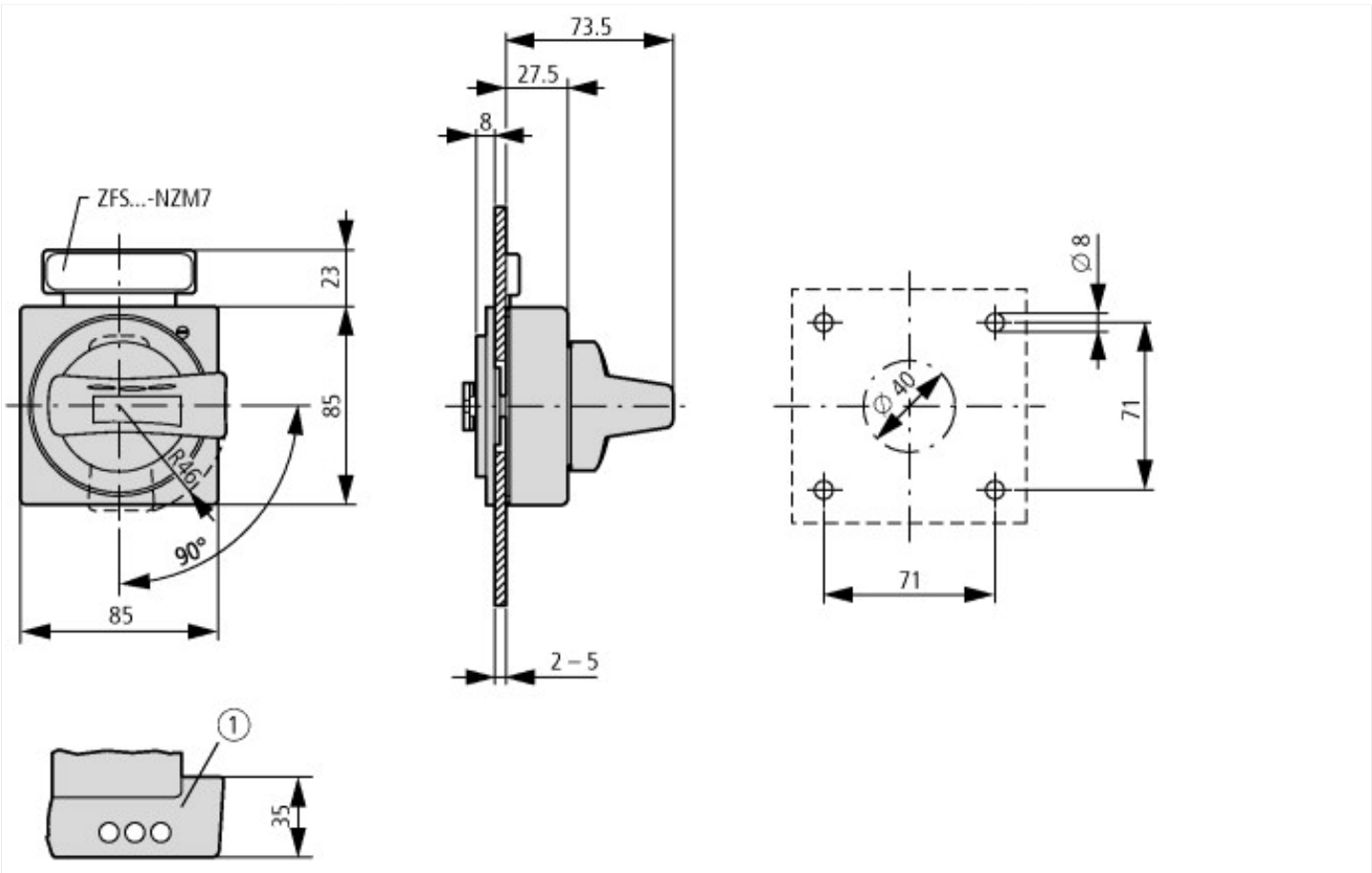
Technical data ETIM 6.0

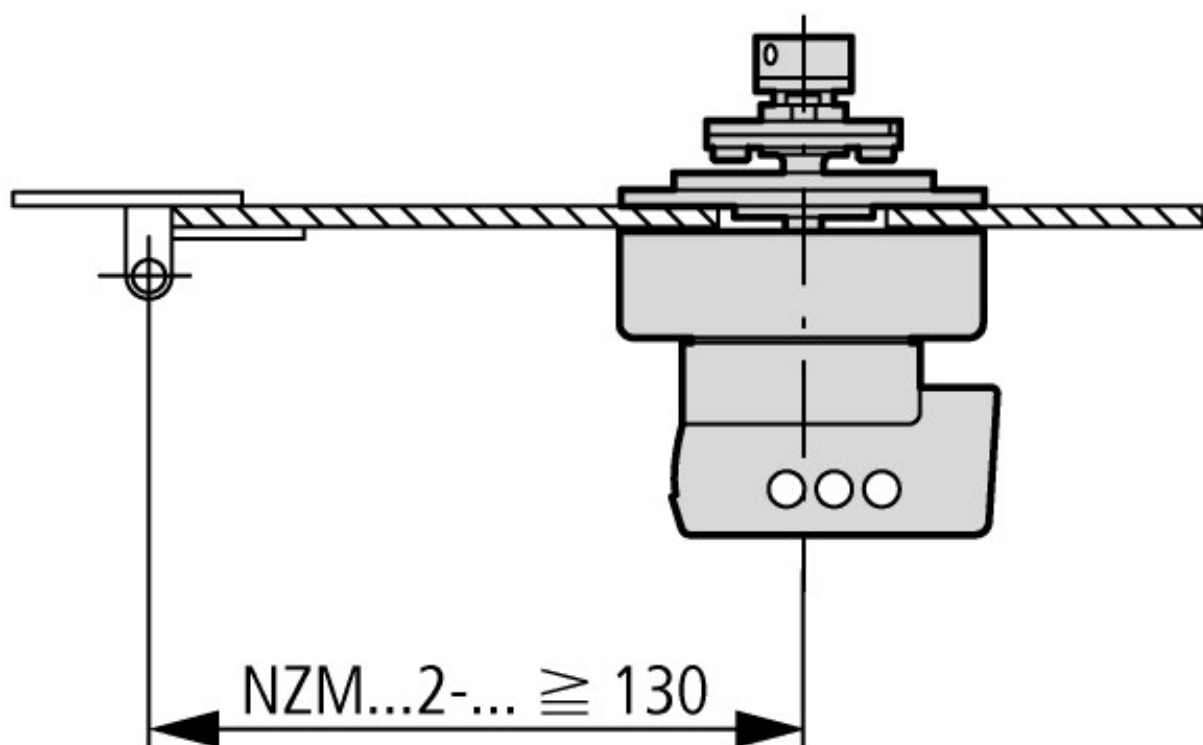
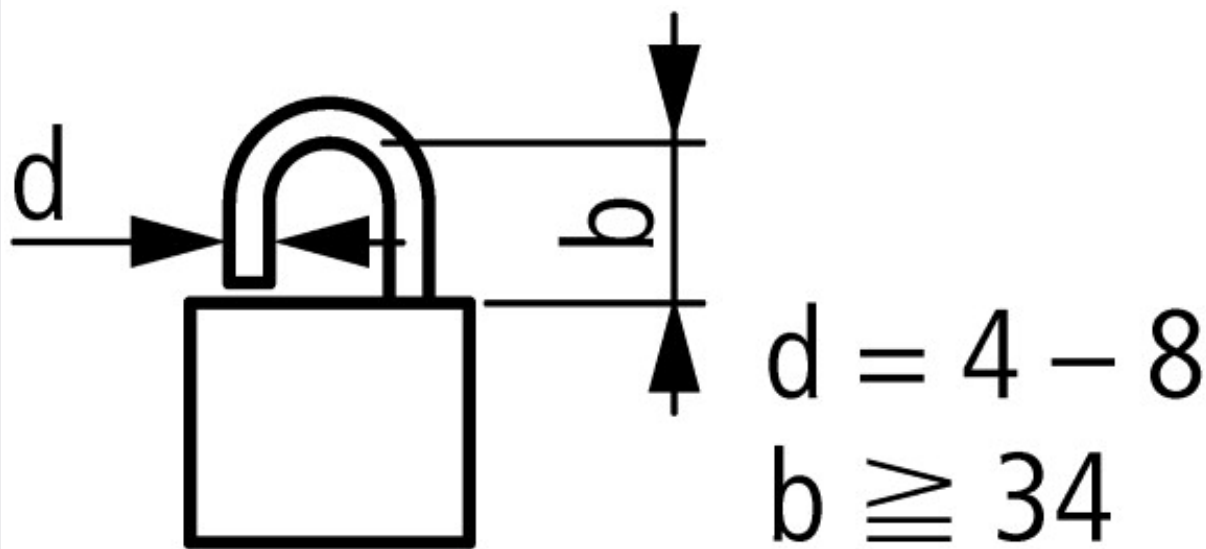
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|---|--|-----|
| Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229) | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss8.1-27-37-04-14 [AKF012011]) | | |
| Lockable | | Yes |
| Colour | | Red |
| Suitable for emergency stop | | Yes |
| With axe | | No |
| Suitable for power circuit breaker | | Yes |
| Suitable for switch disconnecter | | Yes |

Approvals

| | | |
|--------------------------------------|--|--|
| Product Standards | | UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking |
| UL File No. | | E140305 |
| UL Category Control No. | | DIHS |
| CSA File No. | | 022086 |
| CSA Class No. | | 1437-01 |
| North America Certification | | UL listed, CSA certified |
| Specially designed for North America | | Rotary handle with additional 4th position, beyond OFF, to release door interlock. |
| Degree of Protection | | IEC: IP66, UL/CSA Type 4X, 12 |

Dimensions





Minimum door coupling rotary handle clearance from door pivot point

Additional product information (links)

IL01203005Z (AWA1230-1998) Door coupling rotary handle

IL01203005Z (AWA1230-1998) Door coupling rotary handle

ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01203005Z2014_07.pdf