



## Door coupling rotary handle, black, lockable, size 1

**Part no.** NZM1-XTVDV-0-NA  
**Catalog No.** 100675



Similar to illustration

## Delivery program

|                              |  |  |
|------------------------------|--|--|
| Product range                |  | Accessories  |
| Accessories                  |  | Door coupling rotary handle  |
| Standard/Approval            |  | UL/CSA, IEC  |
| Construction size            |  | NZM1   |
| Description                  |  | Door coupling rotary handle for operating the switch through a closed control panel door   |
| Function                     |  | Standard, black/grey   |
| Protection class             |  | IP66<br>UL/CSA Type 4X, Type 12  |
| Locking facility             |  | lockable on the handle on the switch using up to 3 padlocks<br>With door interlock   |
| Door interlock               |  | Not defeated in the locked OFF position.<br>Door opens only with active rotation beyond the 0 position<br>Can be modified such that it can be defeated from the outside using a screwdriver  |
| Project planning information |  | Complete including rotary drive and coupling parts<br>Cannot be combined with mechanical interlock<br>For extremely narrow fittings<br>With special short extension shaft<br>Cannot be combined with NZM...-XDZ additional handle<br>External warning plate/designation label can be clipped on. |
| For use with                 |  | NZM1, N(S)1  |
| lockable                     |  | single   |

## Design verification as per IEC/EN 61439

|  |  |  |
|--|--|--|
| 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.                                   |

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)

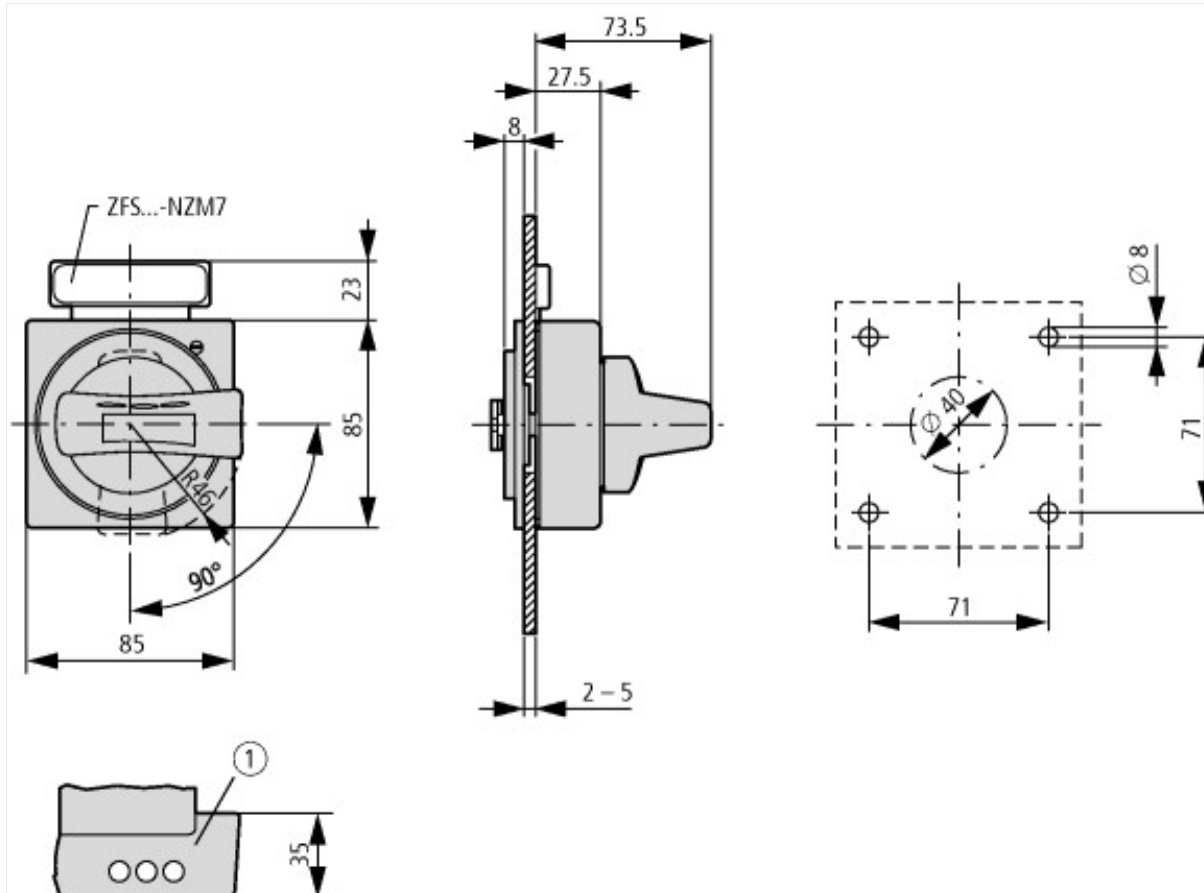
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Handle for switch devices (ecl@ss10.0.1-27-37-04-14 [AKF012014])

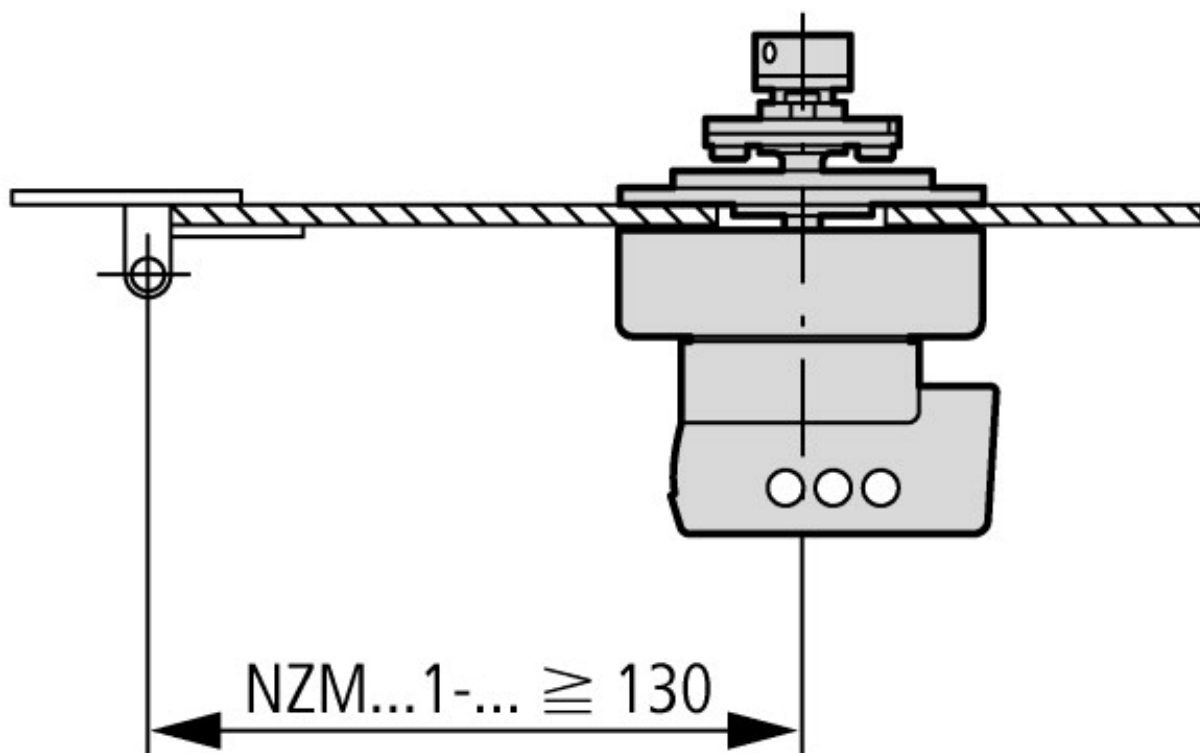
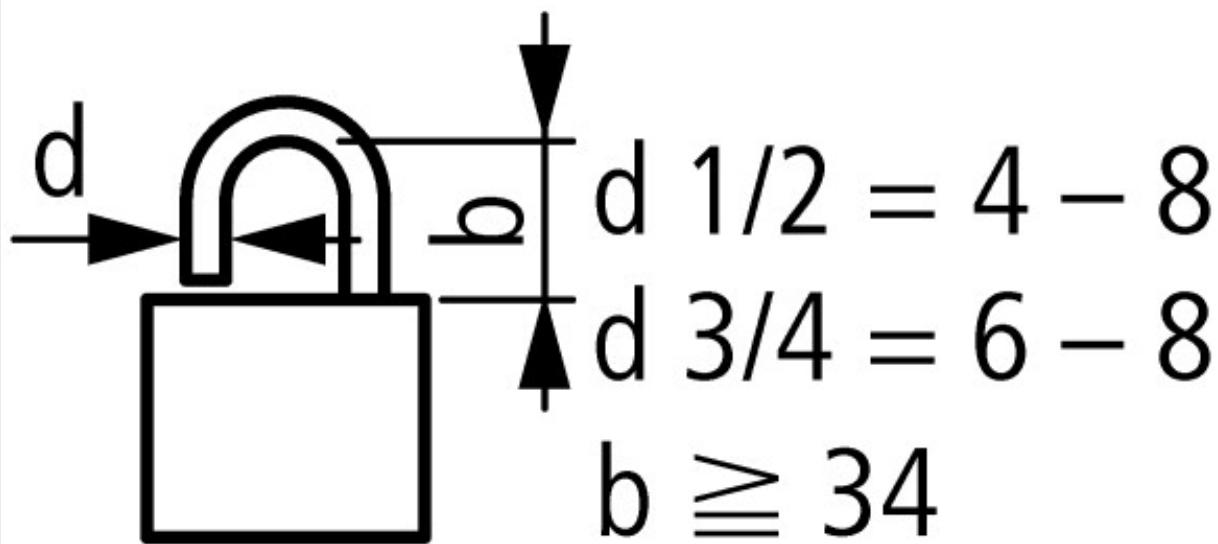
|                                    |  |       |
|------------------------------------|--|-------|
| Lockable                           |  | Yes   |
| Colour                             |  | Black |
| Suitable for emergency stop        |  | No    |
| With extension shaft               |  | No    |
| 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)

**IL01219004Z (AWA1230-2119) Door coupling rotary handle (short)**

IL01219004Z (AWA1230-2119) Door coupling rotary handle (short)

[ftp://ftp.moeller.net/DOCUMENTATION/AWA\\_INSTRUCTIONS/IL01219004Z2014\\_07.pdf](ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01219004Z2014_07.pdf)