# DATASHEET - NZM1-XDV



**Rotary handle, lockable, size 1**

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| **Part no.** | **NZM1-XDV** |
| **Catalog No.** | **260125** |
| **EL-Nummer (Norway)** | **0004358727** |

## Delivery program

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|---|---|
| Product range | Accessories |
| Accessories | Rotary handle on circuit-breaker |
| Standard/Approval | UL/CSA, IEC |
| Construction size | NZM1 |
| Description | Makes it possible to operate the switch with a rotational movement and provides locking facilities |
| Function | Standard, black/grey |
| Protection class | IP20 |
| Locking facility | lockable on the 0 position on the switch using up to 3 padlocks |
| Project planning information | Complete with rotary drive<br>Can be combined with insulating surround<br>MODAN handle position detection by wire release can be retrofitted |
| Actuation | Rotary handle |
| For use with | NZM1(-4), PN1(-4), N(S)1(-4) |

**Notes**

Circuit-breaker can also be installed in a lying position 90 ° left/right, with the handle still in the same position.

## 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 7.0

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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@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 disconnector | Yes |

## Approvals

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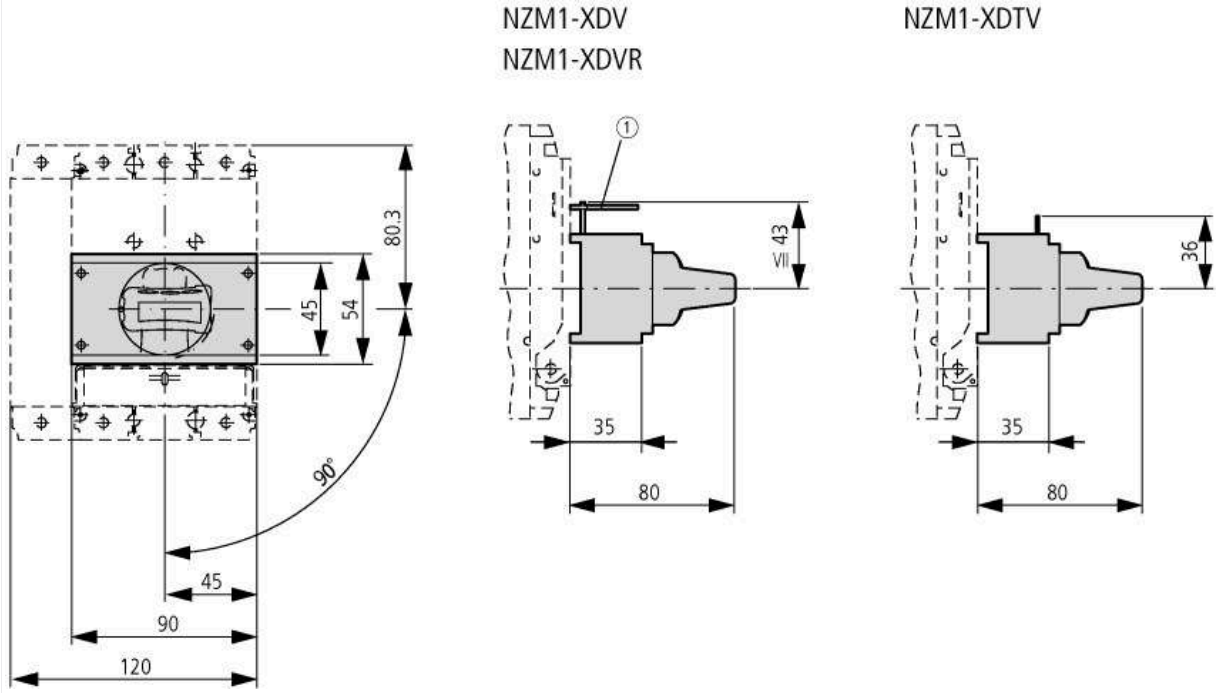
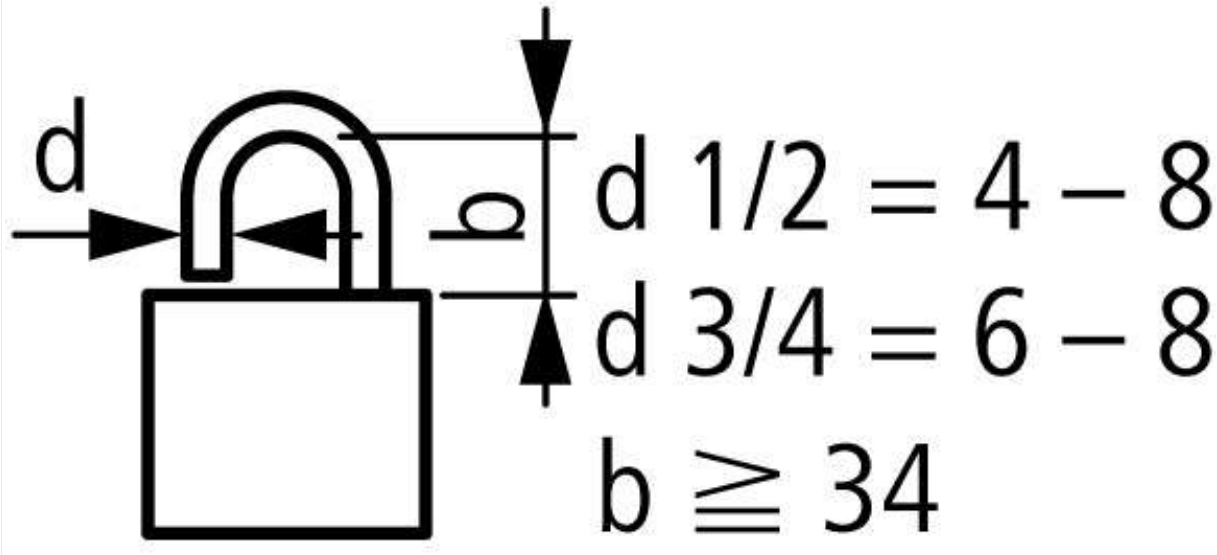
| Product Standards | UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking |
| UL File No. | E140305 |
| UL Category Control No. | DIHS |
| CSA File No. | 022086 |
| CSA Class No. | 1437-01 |
| North America Certification | UL listed, CSA certified |
| Degree of Protection | IEC: IP20 |

## Dimensions



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