

## Rotary handle, lockable on the handle, size 1



|                       |                  |
|-----------------------|------------------|
| Part no.              | <b>NZM1-XDTV</b> |
| Catalog No.           | <b>260131</b>    |
| EL-Nummer<br>(Norway) | <b>4362696</b>   |

## Delivery program

|                              |  |   |
|------------------------------|--|---|
| Product range                |  | Accessories   |
| Accessories                  |  | Rotary handle on switch with door interlock   |
| 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             |  | IP40  |
| Locking facility             |  | lockable on the 0 position on the handle using up to 3 padlocks<br>can also be modified in I position<br>also available with door interlock e.g. for MCC service distribution   |
| Door interlock               |  | Door interlock in ON position<br>can be defeated from the outside using a 1 mm pin<br>Not defeated in the locked OFF and ON positions<br>Door can be opened in OFF<br>Can only be switched ON when the door is closed |
| Project planning information |  | Complete with rotary drive and insulating surround  |
| 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

|  |  |  |
|--|--|--|
| 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 8.0

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])

|                                    |        |
|------------------------------------|--------|
| With restart blockage              | No     |
| With key lock                      | No     |
| Padlock locking                    | Yes    |
| Colour                             | Black  |
| Suitable for emergency stop        | No     |
| With extension shaft               | No     |
| Suitable for power circuit breaker | Yes    |
| Suitable for switch disconnector   | Yes    |
| Degree of protection (NEMA)        | 4X, 12 |