



**Main switch assembly kit, +additional handle, size 4**

**Part no.** NZM4-XHB-DA  
**Catalog No.** 119002

**Delivery program**

|                              |  |  |  |
|------------------------------|--|--|--|
| Equipment supplied           |  |  | Door coupling rotary handle with rotary drive<br>Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2<br>Extension shaft NZM...-XV6 for mounting depth 600 mm<br>External warning plate/markings plate in German/English<br>Black and yellow lightning symbol |
| Product range                |  |  | Accessories  |
| Accessories                  |  |  | Main switch assembly kit   |
| Standard/Approval            |  |  | UL/CSA, IEC  |
| Construction size            |  |  | NZM4   |
| Description                  |  |  | Kit for use as a main switch   |
| Function                     |  |  | With black door coupling rotary handle   |
| Protection class             |  |  | IP66<br>UL/CSA Type 4X, Type 12  |
| Locking facility             |  |  | lockable on the 0 position on the handle using up to 3 padlocks<br>can also be modified in I position<br>With door interlock<br>lockable on the switch in the 0 position   |
| Door interlock               |  |  | Door interlock on OFF with max. 3 padlocks<br>After the door interlock is activated, must not be opened while on ON or TRIP. Must only be opened on OFF<br>Can be modified such that it can be defeated from the outside using a screwdriver<br>Not defeated in the locked OFF position.                   |
| Project planning information |  |  | External warning plate/designation label can be clipped on.<br>For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger.   |
| For use with                 |  |  | NZM4(-4)<br>PN4(-4), N(S)4(-4)   |

**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.           |
| 10.13 Mechanical function           |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is 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               |  | Yes   |
| 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 |  | Designed as operating handle for Supply Circuit Disconnecting Means. Rotary handle with additional 4th position, beyond OFF, to release door interlock. UL 508A, NFPA 79, Industrial Machinery. |
| Degree of Protection                 |  | IEC: IP66, UL/CSA Type 4X, 12   |

## Dimensions

