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

**Part no.** NZM4-XHB-DA-NA  
**Catalog No.** 119004

**Delivery program**

| Equipment supplied | Door coupling rotary handle with rotary drive  
|                    | Add-on rotary handle on switch with "Deliberate Action" operation as per NFPA79 and UL508A Part 2  
|                    | Extension shaft NZM…-XV6 for mounting depth 600 mm  
|                    | External warning plate/marking plate in German/English  
|                    | Black and yellow lightning symbol  

| Product range | Accessories  
| 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  
|                | UL/CSA Type 4X, Type 12  

**Locking facility**

- Lockable on the 0 position on the handle using up to 3 padlocks  
- Can also be modified in I position  
- With door interlock  
- Lockable on the switch in the 0 position  

**Door interlock**

- Door interlock on OFF with max. 3 padlocks  
- With activated door interlock. Cannot be opened in ON, OFF, or TRIP. Can only be opened in RESET.  
- Can be modified such that it can be defeated from the outside using a screwdriver  
- Not defeated in the locked OFF position.

**Project planning information**

- External warning plate/designation label can be clipped on.  
- For enhanced busbar tag shroud on the incomer side, please order IP2X protection against contact with a finger.

**For use with**

- NZM4(-4)  
- 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.  

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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@ss 10.0.1-27-37-04-14 [AKF012014])

| Lockable | Yes |
| Colour   | Black |
| Suitable for emergency stop | No |
| With extension shaft | Yes |
| Suitable for power circuit breaker | Yes |
| Suitable for switch disconnector | 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.
023986

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**

Additional product information (links)

IL01219016Z (AWA1230-2497) Door coupling rotary handle, version for North America