Main switch assembly kit, +additional handle red, size 3, NA type

Part no. NZM3-XHB-DAR-NA
Catalog No. 119001

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

Accessories
- Main switch assembly kit

Standard/Approval
- UL/CSA, IEC

Construction size
- NZM3

Description
- Kit for use as a main switch

Function
- With red door coupling rotary handle for use of switch as emergency switching off device
- With door interlock lockable on the 0 position on the handle using up to 3 padlocks can also be modified in I position

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

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.
- 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
- NZM3(-4)
- PN3(-4), NS3(-4)

Design verification as per IEC/EN 61439

10.2 Strength of materials and parts
- 10.2.2 Corrosion resistance
  - Meets the product standard’s requirements.

10.2.3 Verification of thermal stability of enclosures
- 10.2.3.1 Verification of resistance of insulating materials to normal heat
  - Meets the product standard’s requirements.
- 10.2.3.2 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.

10.3 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)

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lockable</td>
<td>Yes</td>
</tr>
<tr>
<td>Colour</td>
<td>Red</td>
</tr>
<tr>
<td>Suitable for emergency stop</td>
<td>Yes</td>
</tr>
<tr>
<td>With extension shaft</td>
<td>Yes</td>
</tr>
<tr>
<td>Suitable for power circuit breaker</td>
<td>Yes</td>
</tr>
<tr>
<td>Suitable for switch disconnector</td>
<td>Yes</td>
</tr>
</tbody>
</table>

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

Additional product information (links)

IL01219015Z (AWA1230-2496) Door coupling rotary handle, version for North America
IL01219015Z (AWA1230-2496) Door coupling rotary handle, version for North America

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