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- English
- Spanish
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English



Powering Business Worldwide

NZM1-XTVD-NA - Door coupling rotary handle, black, lockable, size 1, NA type



271445 NZM1-XTVD-NA

[Overview](#) [Specifications](#) [Resources](#)

271445 NZM1-XTVD-NA

Door coupling rotary handle, black, lockable, size 1, NA type

EL-Nummer (Norway)

4315581

Optional accessories for circuit-breaker series NZM offers a comprehensive portfolio of application possibilities for worldwide use. Modular functional groups make mounting flexible and simple. Note: Complete including rotary drive and coupling parts. Extension shaft additionally required. Cannot be combined with mechanical interlock. External warning plate/marking plate can be clipped on. Default, black/grey. Lockable on the 0 position on the handle using up to 3 padlocks. With door interlock. Door interlock not defeated in the locked OFF position. Door opens only with active rotation beyond the 0 position. Can be used for: NZM1, N1

Delivery program

- Delivery program
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0
- Approvals
- Dimensions

Delivery program

Product range

Accessories

Accessories

Door coupling rotary handle

Standard/Approval

UL/CSA, IEC

Construction size

NZM1

Description

Door coupling rotary handle for operating the switch through a closed control panel door

Function

Standard, black/grey

Protection class

IP66

UL/CSA Type 4X, Type 12

Locking facility

lockable on the 0 position on the handle using up to 3 padlocks

With door interlock

Door interlock

Not defeated in the locked OFF position.

Door opens only with active rotation beyond the 0 position

Project planning information

Complete including rotary drive and coupling parts

Extension shaft additionally required.

Cannot be combined with mechanical interlock

External warning plate/designation label can be clipped on.

For use with
NZM1, N1
lockable
single

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 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.

10.2 Strength of materials and parts 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 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.

10.2 Strength of materials and parts 10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.

10.2 Strength of materials and parts 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 Insulation properties 10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.

10.9 Insulation properties 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 (EO000229)
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

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

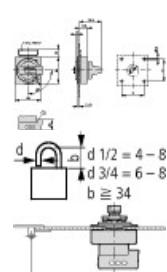
Specially designed for North America

Rotary handle with additional 4th position, beyond OFF, to release door interlock.

Degree of Protection

IEC: IP66, UL/CSA Type 4X, 12

Dimensions



Minimum door coupling rotary handle clearance from door pivot point

CAD data

- [Product-specific CAD data \(Web\)](#)
- [3D Preview \(Web\)](#)

DWG files

- [DA-CD-nzm1_xtvd](#)
File
(Web)

Step files

- [DA-CS-nzm1_xtvd](#)
File
(Web)

Dimensions single product

-

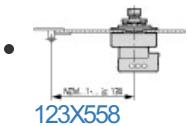
Line drawing

Padlock

-

Line drawing

Door coupling rotary handle



123X558

Line drawing

Minimum door coupling rotary handle clearance from door pivot point

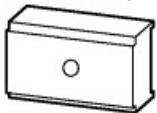
3D drawing



123I518

Line drawing

Door coupling rotary handle



123I699

Line drawing

Coupling part for door-coupling rotary handle

Product photo



1230PC-681

Photo

Symbol

• **New**

0000SPC-173

Graphic

Logo new yellow small

Instruction Leaflet

• [NZM1,2 XTVDKL \(IL01203005Z\)](#)

Asset

IL01203005Z

(PDF, 03/21, Language independent)

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