

Select your language

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

Worldwide English



PN3-XPA - Paralleling mechanism



283473 PN3-XPA

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



283473 PN3-XPA

Paralleling mechanism

EL-Nummer (Norway)

4359012

Optional accessories for the circuit-breaker series NZM offers a comprehensive portfolio of application options for use world wide. The mounting is always flexible and easy thanks to the modular function groups. Notes: simultaneous actuation of 2 FN switch-disconnectors of the same type mounted side-by-side. Not UL/CSA approved. 1 x rotary handle on switch (not lockable) included as standard. 1 x door coupling rotary handle (not lockable) included as standard. not suitable for use as a main switch can be used for: FN3(-4) + FN3(-4)

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

Delivery program

Description

Simultaneous actuation of 2 FN switch-disconnectors of the same type mounted side-by-side not UL/CSA approved

For use with
FN3(-4) + FN3(-4)

Notes

PN3

- 1 x rotary handle on switch (cannot be interlocked) supplied.
- 1 x door coupling rotary handle (cannot be interlocked) supplied.
- Not suitable for use as a main switch.

Notes

Extension shaft (-XV4(6)) additionally required for the door coupling rotary handle.

Cannot be combined with mechanical interlock, insulating surrounds, side wall operators or remote operators

For use as Emergency-Stop device

For this the door coupling rotary handle requires an exchange thumb-grip in red/yellow according to the following order nos.

- for FN1 and FN2: NZM2-XDGVR □ 100747
- for FN3: NZM3-XDGVR □ 100764; **Note:** The locking function of these thumb-grips must not be used.

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 (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

No

Colour

Black

Suitable for emergency stop

No

With extension shaft

No

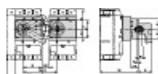
Suitable for power circuit breaker

Yes

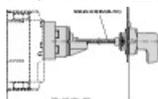
Suitable for switch disconnecter

Yes

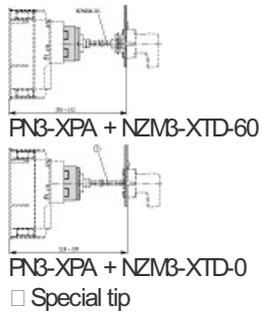
Dimensions



FN3-XPA + NZMB-XD



FN3-XPA + NZMB-XTD



CAD data

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

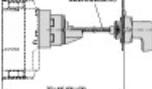
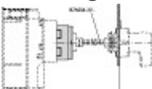
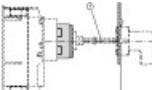
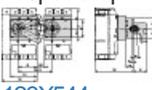
DWG files

- [DA-CD-nzm3_3p](#)
File
(Web)

Step files

- [DA-CS-nzm3_3p](#)
File
(Web)

Dimensions single product

- 
[123X539](#)
Line drawing
Paralleling mechanism
- 
[123X540](#)
Line drawing
Paralleling mechanism
- 
[123X541](#)
Line drawing
Paralleling mechanism
 Special tip
- 
[123X544](#)
Line drawing
Paralleling mechanism

Product photo

- 
[1230PIC-750](#)
Photo

3D drawing

- [1230DRW-420](#)
Line drawing
Paralleling mechanism

Instruction Leaflet

- [IL01219019Z](#)
Asset
(PDF, Language independent)

Download-Center

- [Download-Center \(this item\)](#)
Eaton EMEA Download-Center - download data for this item
- [Download-Center](#)
Eaton EMEA Download-Center

 [Generate data sheet in PDF format](#)

 [Generate data sheet in Excel format](#)

 [Write a comment](#)

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2022 by Eaton Industries GmbH

