### **DATASHEET - PN3-XPA**



## **Paralleling mechanism**

Part no. PN3-XPA Catalog No. 283473

EL-Nummer (Norway)

0004359012



## **Delivery program**

Description	Simultaneous actuation of 2 PN switch-disconnectors of the same type mounted side-by-side not UL/CSA approved
For use with	PN3(-4) + PN3(-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 PN1 and PN2: NZM2-XDGVR → 100747
- for PN3: NZM3-XDGVR  $\Longrightarrow$  100764; **Note**: The locking function of these thumb-grips must not be used.

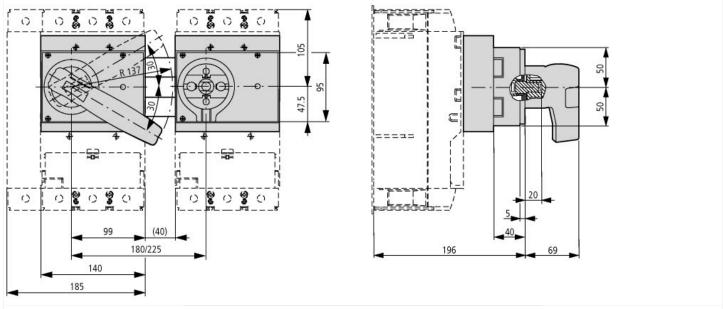
# **Design verification as per IEC/EN 61439**

IFO (FN) cases 1	
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.

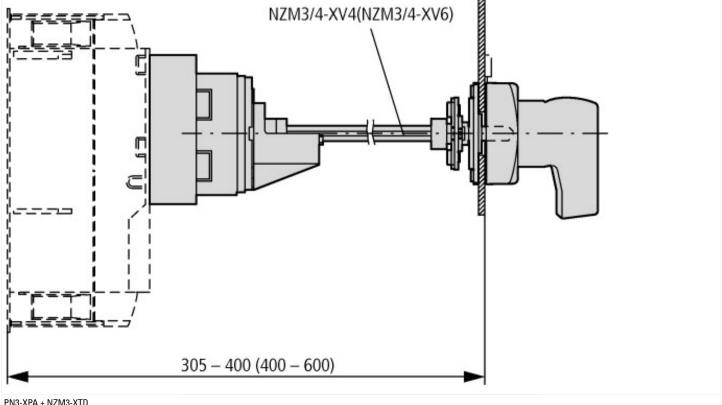
## **Technical data ETIM 7.0**

Low-voltage industrial components (EG000017) / Handle for power circuit breaker (ECC	00229)	
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 disconnector	Yes	

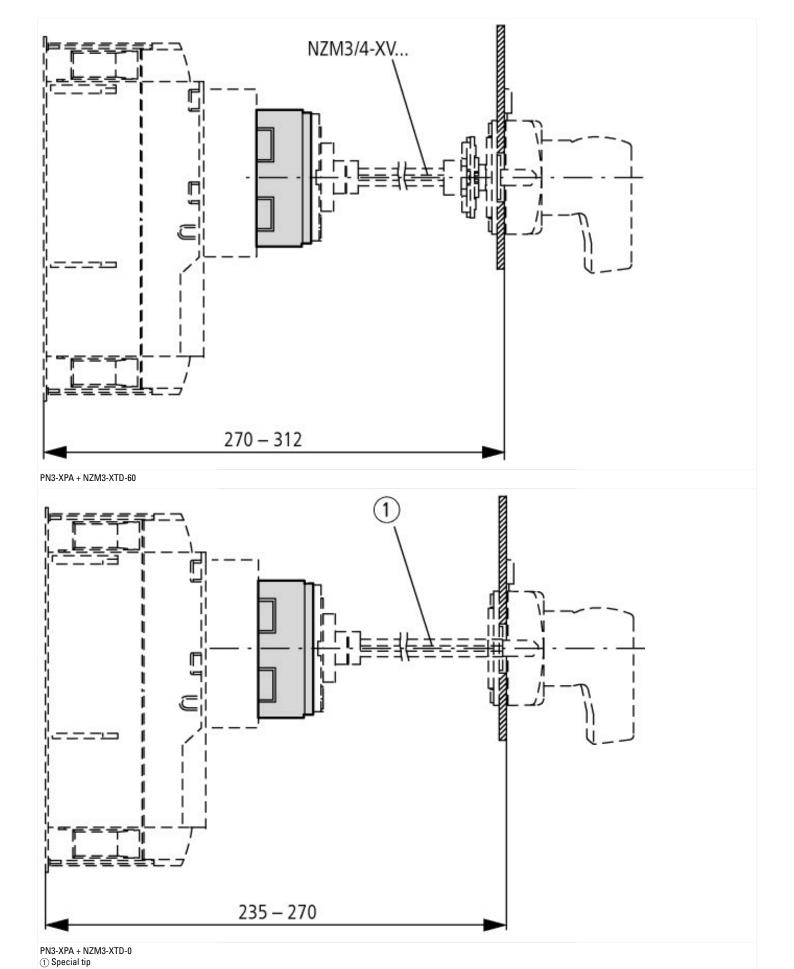
# **Dimensions**



PN3-XPA + NZM3-XD



PN3-XPA + NZM3-XTD



# **Additional product information (links)**

IL01219019Z (AWA1230-2154) Paralleling mechanism

IL01219019Z (AWA1230-2154) Paralleling mechanism

 $https://es-assets.eaton.com/DOCUMENTATION/AWA\_INSTRUCTIONS/IL01219019Z2011\_02.pdf$