

## Paralleling mechanism

**Part no.** PN1-XPA  
**Catalog No.** 283471

**EL-Nummer (Norway)** 4359008

## 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			PN1(-4) + PN1(-4)
<b>Notes</b>			
<b>PN1, PN2</b>			
<ul style="list-style-type: none"> <li>1 x rotary handle on switch (-XD) supplied.</li> <li>1 x door coupling rotary handle (-XTVD) supplied.</li> </ul>			
<b>Notes</b>			
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			
<b>For use as Emergency-Stop device</b>			
For this the door coupling rotary handle requires an exchange thumb-grip in red/yellow according to the following order nos.			
<ul style="list-style-type: none"> <li>for PN1 and PN2: NZM2-XDGVR → 100747</li> <li>for PN3: NZM3-XDGVR → 100764; <b>Note:</b> The locking function of these thumb-grips must not be used.</li> </ul>			

## 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.
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 8.0

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 (ecI@ss10.0.1-27-37-04-14 [AKF012014])			
With restart blockage			No
With key lock			No
Padlock locking			Yes
Colour			Black
Suitable for emergency stop			No
With extension shaft			No
Suitable for power circuit breaker			Yes
Suitable for switch disconnecter			Yes
Degree of protection (NEMA)			Other