### **DATASHEET - PN1-XPA**



#### **Delivery program**

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)
Notes	
PN1, PN2	
<ul> <li>1 x rotary handle on switch (-XD) supplied.</li> <li>1 x door coupling rotary handle (-XTVD) supplied.</li> </ul>	
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 acco	ording to the following order nos.

- for PN1 and PN2: NZM2-XDGVR → 100747
   for PN3: 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

observed.	IEC/EN 61439 design verification	
102.3.1 Verification of thermal stability of enclosures       Meets the product standard's requirements.         102.3.2 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects       Meets the product standard's requirements.         102.2.3 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric effects       Meets the product standard's requirements.         102.4 Resistance to ultra-violet (UV) radiation       Meets the product standard's requirements.         102.5 Lifting       Does not apply, since the entire switchgear needs to be evaluated.         102.7 Inscriptions       Does not apply, since the entire switchgear needs to be evaluated.         103.0 Begree of protection of ASSEMBLIES       Does not apply, since the entire switchgear needs to be evaluated.         104.Clearances and creepage distances       Meets the product standard's requirements.         105.Protection against electric shock       Does not apply, since the entire switchgear needs to be evaluated.         105.Protection against electric strongth       Is the panel builder's responsibility.         108.0 Connections for external conductors       Is the panel builder's responsibility.         109.1 Nueltain properties       Is the panel builder's responsibility.         109.2 Power-frequency electric strongth       Is the panel builder's responsibility.         109.3 Inpulse withstand voltage       Is the panel builder's responsibility.	10.2 Strength of materials and parts	
102.32 Verification of resistance of insulating materials to abnormal heat       Meets the product standard's requirements.         102.33 Verification of resistance of insulating materials to abnormal heat       Meets the product standard's requirements.         102.4 Resistance to ultra-violet (UV) radiation       Meets the product standard's requirements.         102.5 Lifting       Does not apply, since the entire switchgear needs to be evaluated.         102.7 Inscriptions       Meets the product standard's requirements.         103.0 begree of protection of ASSEMBLIES       Does not apply, since the entire switchgear needs to be evaluated.         104.C learances and creepage distances       Meets the product standard's requirements.         105.Protection against electric shock       Does not apply, since the entire switchgear needs to be evaluated.         106.Incorporation of switching devices and components       Does not apply, since the entire switchgear needs to be evaluated.         108.Connections for external conductors       Is the panel builder's responsibility.         109.Insulation properties       Is the panel builder's responsibility.         109.2 Power-frequency electric strength       Is the panel builder's responsibility.         109.3 Insulation properties       Is the panel builder's responsibility.         10.9 Themperature rise       Is the panel builder's responsibility.         10.9 Themperature rise       Is the panel builder's responsibility. The specificat	10.2.2 Corrosion resistance	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.         10.2.7 Inscriptions       Meets the product standard's requirements.         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.         10.7 Internal electrical circuits and connections       Is the panel builder's responsibility.         10.8 Incorporation of switching devices and components       Is the panel builder's responsibility.         10.9 Protection apply electric strength       Is the panel builder's responsibility.         10.9 Prover-frequency electric strength       Is the panel builder's responsibility.         10.9.1 Temperature rise       Is the panel builder's responsibility.         10.9.2 Power-frequency electric strength       Is the panel builder's responsibility.         10.9.1 Temperature rise       Is the panel builder's responsibility.	10.2.3.1 Verification of thermal stability of enclosures	Meets the product standard's requirements.
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	10.13 Mechanical function	

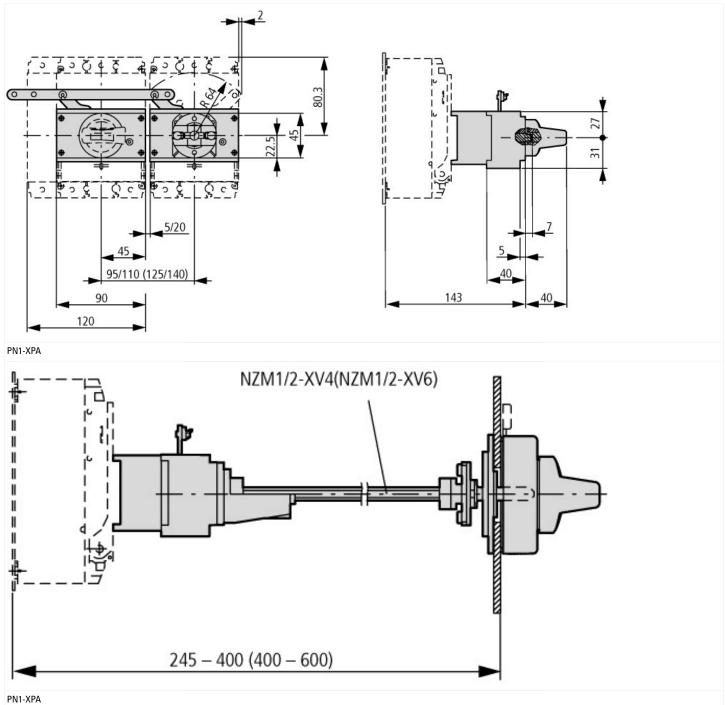
#### **Technical data ETIM 7.0**

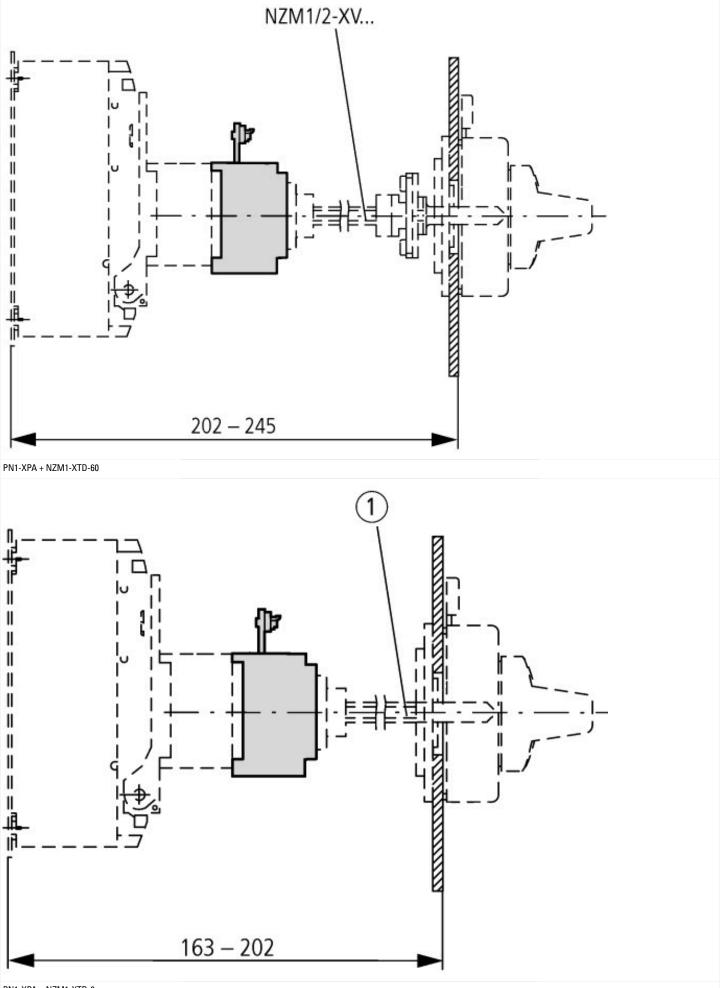
Low-voltage industrial components (EG000017) / Handle for power circuit breaker (EC000229)

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 [AKF01.	2014])
	2011]/

Lockable	Yes
Colour	Black
Suitable for emergency stop	No
With extension shaft	No
Suitable for power circuit breaker	Yes
Suitable for switch disconnector	Yes

# Dimensions





PN1-XPA + NZM1-XTD-0 ① Special tip