DATASHEET - NZM2/3-XA208-250AC/DC-PI



Shunt release for NZM2/3, 208-250AC/DC, Push-in terminals



NZM2/3-XA208-250AC/DC-PI 189803



Similar to illustration

Delivery program

/			
Product range			Accessories
Accessories			Shunt release
Accessories			Shunt releases
Standard/Approval			UL/CSA, IEC
Construction size			NZM2/3
Description			When the shunt release is live, contact with the circuit-breaker's main contacts on switching on is reliably prevented. Shunt release modules cannot be installed simultaneously with early-make contact NZMXHIV, untervoltage release NZMXU, or relais modules NZMX2A
Connection type			with push in terminal
Auxiliary contacts			without auxiliary contact
Rated control voltage	Us	V	208 - 250 V AC/DC
For use with			NZM2(-4), N(S)2(-4) NZM3(-4), N(S)3(-4)

Design verification as per IEC/EN 61439

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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) / Shunt release (for power circuit breaker) (EC001023)

Rated control supply voltage Us at AC 50HZ V 208 - 250 Rated control supply voltage Us at AC 60HZ V 208 - 250 Rated control supply voltage Us at DC V 208 - 250 Voltage type for actuating AC/DC AC/DC Initial value of the undelayed short-circuit release - setting range A 0 End value adjustment range undelayed short-circuit release A 0 Number of contacts as normally open contact A 0 Number of contacts as change-over contact G G Suitable for off-load switch G Y Y Suitable for onstor safety switch G S Y					
Rated control supply voltage Us at AC 60HZ V 208 - 250 Rated control supply voltage Us at DC V 208 - 250 Voltage type for actuating C AC/DC Initial value of the undelayed short-circuit release - setting range A 0 End value adjustment range undelayed short-circuit release A 0 Type of electric connection A 0 Number of contacts as normally open contact A 0 Number of contacts as normally closed contact F 0 Suitable for power circuit breaker E 0 Suitable for off-load switch E F 0 Suitable for motor safety switch E F 0 Suitable for motor safety switch E F E E Suitable for motor safety switch E F E	Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Full load current trip (ecl@ss10.0.1-27-37-04-18 [AKF016013])				
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Suitable for motor safety switch Image: Constraint of the second secon	Number of contacts as change-over contact		0		
Suitable for motor safety switch Yes	Suitable for power circuit breaker		Yes		
	Suitable for off-load switch		Yes		
Suitable for overload relay No	Suitable for motor safety switch		Yes		
	Suitable for overload relay		No		