DATASHEET - +NZM2-4-XKR0



Connection, on rear, top 4p

Part no. Catalog No.

+NZM2-4-XKRO 266766



Delivery program

Number of conductors			4 pole	
Accessories			Connection on rear	
Rated current	In	А	Cu 300, Al 250	
For use with			NZM2-4, PN2-4, N2-4	
Mounting position			Fitted above	
Terminal capacities				
Type of conductor				
Cu/Al cable			Copper cable lugs Aluminium cable lug	
Terminal capacities				
flexible		mm ²	1 x 10 - 185 2 x 4 - 70 1 x 10 - 50 2 x 10 - 50	
Terminal capacities				
Cu strip (number of segments x width x segment thickness)		mm	$\geq 2 \times 16 \times 0.8$ $\leq 6 \times 24 \times 0.5$	
Copper busbar width x thickness	Width	mm	≧ 16 x 5 ≦ 24 x 8	
Notes				
Type suffix and type contain parts for a circuit-breaker side at top or bottom for 3 or 4-pole circuit-breakers.				

0 = for fitting at the top

U = for fitting at the bottom

Technical data

General

Mounting position

Design verification as per IEC/EN 61439

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EC/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.

Fitted above

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) / Wiring set for power circuit breaker (EC002050)

Electric engineering, automation, process control engineering / Low-voltage switch [ACN957011])	1 technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss10.0.1-27-37-04-24
Suitable for number of poles	4

Other

Model

Dimensions







