DATASHEET - NZM3-XKV70-2

Connection width extension, 3p, 2-hole, size 3

Part no.	**NZM3-XKV70-2**
Catalog No.	**119860**
EL-Nummer (Norway)	**4358865**

Powering Business Worldwide™

Delivery program

Accessories			Connection width extension
Description			Two holes
Number of conductors			3 pole
Rated current	I_n	A	630
For use with			NZM3, PN3, N(S)3
Terminal capacities			
Type of conductor			
Cu/Al cable			Copper cable lugs
Terminal capacities			
flexible		mm^2	NZM3-XKV70-2: 4 x 35 - 185 NZM3-XKV70-2 + NZM4-XKA: 4 x 50 - 240
AWG/kcmil		mm^2	NZM3-XKV70-2: 2 x 350 NZM3-XKV70-2 + NZM4-XKA: 4 x 500
Terminal capacities			
Cu strip (number of segments x width x segment thickness)		mm^2	NZM3-XKV70-2 + NZM4-XKB: ≧ 6 x 16 - 0.8 ≦ (2 x) 10 x 32 x 1
Copper busbar width x thickness	Width	mm	(2 x) 10 x 50

Notes

Type contains parts for a terminal located at top or bottom for 3 pole circuit-breakers.

Double hole fitting for up to four 185 mm^2 cable lugs, 50 mm rail or large flat cable terminal NZM4-XKB or large tunnel terminal NZM4-XKA

Can be fitted to circuit-breaker with screw termination

Phase isolator, insulating plate and 2 control circuit terminals are included as standard.

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 7.0

Low-voltage industrial components (EG000017) / Connection vane/phase spreader (EC002019)			
Electric engineering, automation, process control engineering / Low-voltage switch technology / Component for low-voltage switching technology / Connection vane/phase spreader (ecl@ss10.0.1-27-37-13-05 [ACN990012])			
Suitable for number of poles			3

Approvals

Product Standards			UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
North America Certification			Request filed for UL and CSA
Suitable for			Refer to main component information