DATASHEET - NZM4-XKV95-2KB

Connection width extension, 3p, 2 studs, size 3

Part no. NZM4-XKV95-2KB
Catalog No. 119861

Powering Business Worldwide™

Delivery program

Accessories			Connection width extension
Description			Two M12 threaded studs
Number of conductors			3 pole
Rated current	I_n	A	1600
For use with			NZM4, N(S)4
Terminal capacities			
Type of conductor			
Cu/Al cable			Copper cable lugs
Terminal capacities			
flexible		mm^2	4 x 95-300
AWG/kcmil		mm^2	4 x 500
Terminal capacities			
Cu strip (number of segments x width x segment thickness)		mm^2	(2x) 10 x 80 x 1.0
Copper busbar width x thickness	Width	mm	(2 x) 10 x 80

Notes

Type contains parts for 3 to 4-pole switches on top or bottom of switch.

Double stud bolts M12 for e. g. up to 4 cable lugs 300 mm^2 per phase.

For fitting to switches with screw connection.

Distance between pole centers if 95 mm

Can be fitted to current transformers up to 130 mm in width and with a bar width of 80 mm.

4 mm drilling dimensions for control circuit terminal available.

Hole for large cover NZM4(-4)-XKSAV included.

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) / Wiring set for power circuit breaker (EC002050)		
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss10.0.1-27-37-04-24 [ACN957011])		
Suitable for number of poles		3
Model		Other

Approvals

Product Standards		UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.		E31593
UL Category Control No.		DIHS
CSA File No.		022086
CSA Class No.		1432-01
North America Certification		UL listed, CSA certified
Suitable for		Refer to main component information

Dimensions