DATASHEET - NZM4-XKM2S-1250

Module plate, 2-hole, vertical, 3p, 1250A

Part no. NZM4-XKM2S-1250
Catalog No. 284471

Powering Business Worldwide™

Delivery program

Accessories			Module plate
Description			Two holes
Number of conductors			3 pole
Rated current	I_n	A	≦ 1250
For use with			NZM4, N(S)4
Terminal capacities			
Type of conductor			
Cu/Al cable			Copper cable lugs
Terminal capacities			
flexible		mm^2	2 x 95 - 300
AWG/kcmil		mm^2	2 x 000 - 600
Terminal capacities			
Cu strip (number of segments x width x segment thickness)		mm^2	(2 x) 10 x 40 x 1.0 (2 x) 10 x 50 x 1.0
Copper busbar width x thickness	Width	mm	(2 x) 40 x 10 (2 x) 50 x 10

Notes

Type contains parts for a terminal located at top or bottom for 3 or 4-pole circuit-breakers.

Insulation through cover NZM4(-4)-XKSA or phase isolator NZM4(4)-XKP necessary.

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 8.0

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