

Module plate, 2-hole, vertical, 3p, 1600A

Part no. **NZM4-XKM2S-1600**
 Catalog No. **284473**



Delivery program

Accessories		Module plate
Description		Two holes
Number of conductors		3 pole
Rated current	I_n	A
For use with		≤ 1600
Terminal capacities		NZM4, N(S)4
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 - 500
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.

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