DATASHEET - NZM-XSTK

Control circuit terminal, box terminal

Part no. NZM-XSTK
Catalog No. 266739

Delivery program

Accessories			Control circuit terminal
For use with			NZM1(-4), PN1(-4), N(S)1(-4) NZM2(-4), PN2(-4), N(S)2(-4) NZM3(-4), PN3, N(S)3(-4)
Terminal capacities			
Type of conductor			
Cu/Al cable			Box terminal
Terminal capacities			
flexible		mm^2	1 x 0.75 - 2.5 2 x 0.75 - 1.5
AWG/kcmil		mm^2	1 x 18 - 14 2 x 18 - 16

Notes

Part contains parts for two terminal locations located at top or bottom for 3 or 4 pole circuit-breakers.

Included as standard with tunnel terminal

Degree of protection IP1X

NZM-XSTK cannot be combined with NZM2(1)-XIPK IP4X protection against contact with a finger.

When using NZM1-XKSA, the plastic cover of the NZM-XSTK must not be fitted.

Height and thickness of control terminals:

NZM-XSTK = 2 mm

NZM-XSTS = 2 mm

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) / Distribution terminal block (EC000276)			
Electric engineering, automation, process control engineering / Electrical installation, device / Terminal (not overhead line) / Control line board (ecl@ss10.0.1-27-14-11-47 [BAA026013])			
Core cross section		mm^2	2.5
Number of poles			1
With seal head			No