

Control circuit terminal, screw connection



Part no.	NZM1-XSTS
Catalog No.	260150
EL-Nummer (Norway)	4358734

Delivery program

Accessories		Control circuit terminal
For use with		NZM1(-4), PN1(-4), N(S)1(-4)
Terminal capacities		
Type of conductor		
Cu/Al cable		Screw connection
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.

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.

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