

DATASHEET - NZM1-XSTS



Control circuit terminal, screw connection



Powering Business Worldwide™

Part no. NZM1-XSTS

Catalog No. 260150

EL-Nummer
(Norway) 0004358734

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. |

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) / Distribution terminal block (EC000276)

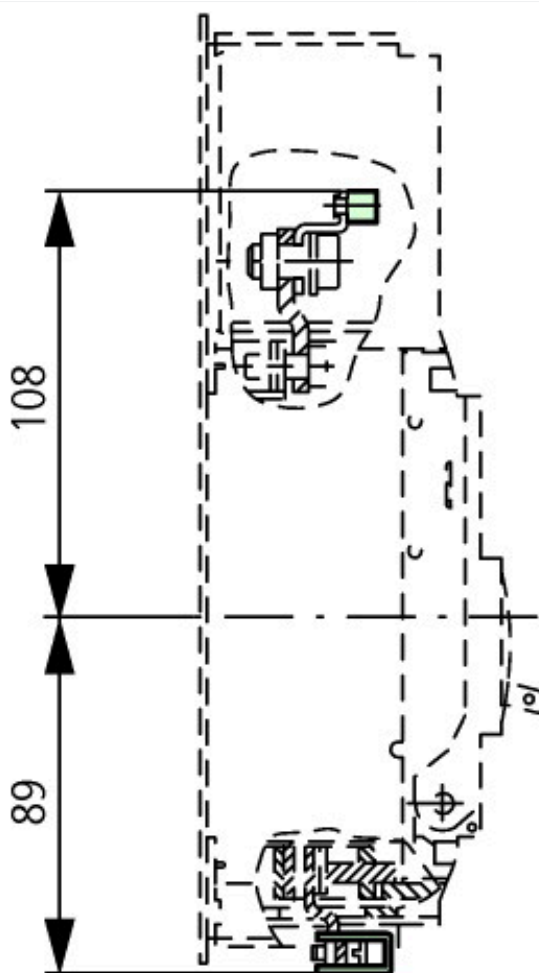
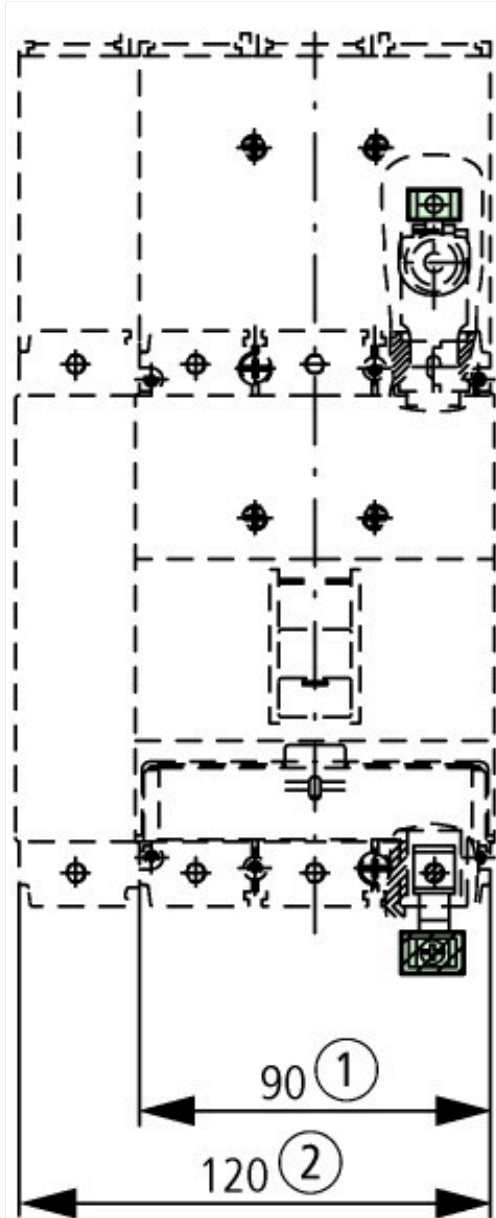
Electric engineering, automation, process control engineering / Electrical installation, device / Terminal (not overhead line) / Control line board (ecl@ss10.0.1-27-14-11-47 [BAA026013])

| | | |
|--------------------|-----------------|-----|
| Core cross section | mm ² | 2.5 |
| Number of poles | | 1 |
| With seal head | | No |

Approvals

| | |
|-----------------------------|---|
| Product Standards | UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking |
| UL File No. | E140305 |
| UL Category Control No. | DIHS |
| CSA File No. | 022086 |
| CSA Class No. | 1437-01 |
| North America Certification | UL listed, CSA certified |
| Suitable for | Refer to main component information |

Dimensions



- ① 3 pole
- ② 4 pole



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