

Box terminal, 4p, up to 300 A

Part no. **NZM2-4-250-XKC**
 Catalog No. **266756**

EL-Nummer **4300374**
 (Norway)

Similar to illustration

Delivery program

| | | | |
|---|-------|-----------------|--|
| Number of conductors | | | 4 pole |
| Accessories | | | Box terminal |
| Rated current | I_n | A | ≤ 300 |
| For use with | | | NZM2(-4), PN2(-4), N(S)2(-4) |
| Terminal capacities | | | |
| Type of conductor | | | |
| Cu/Al cable | | | Cu cable |
| Terminal capacities | | | |
| flexible | | mm ² | 1 x 10 - 185 2 x 4 - 70 Up to 95 mm ² can be connected depending on the cable manufacturer. |
| AWG/kcmil | | mm ² | 1 x 12 - 350 |
| Terminal capacities | | | |
| Cu strip (number of segments x width x segment thickness) | | mm ² | min. 2 x 9 x 0.8 max. 10 x 16 x 0.8 Or max. (2 x) 8 x 15.5 x 0.8 |

Notes

Type suffix and type contain parts for a circuit-breaker side at top or bottom for 3 or 4 pole circuit-breakers.

Conversion kit for circuit-breaker with screw connection.

Fitted within the switch housing

O = for fitting at the top

U = for fitting at the bottom

$U_0 \geq 525$ V AC:

- Use cover NZM2(-4)-XKSA.

Use ferrules with flexible and highly flexible conductors. Max. cross section shown can only be connected when flexible and without ferrules.

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

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|---|--|--|-------|
| Low-voltage industrial components (EG000017) / Wiring set for power circuit breaker (EC002050) | | | |
| Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss10.0.1-27-37-04-24 [ACN957011]) | | | |
| Suitable for number of poles | | | 4 |
| Model | | | Other |