

DATASHEET - NZM3-4-XKV70-2



Connection width extension, 4p, 2-hole

Part no.

NZM3-4-XKV70-2

Catalog No.

132673



Similar to illustration

Delivery program

| | | | |
|---|----------------|-----------------|----------------------------|
| Accessories | | | Connection width extension |
| Description | | | Two holes |
| Number of conductors | | | 4 pole |
| Rated current | I _n | A | 630 |
| For use with | | | NZM3-4, PN3-4, N(S)3-4 |
| Terminal capacities | | | |
| Type of conductor | | | |
| Cu/Al cable | | | Copper cable lugs |
| Terminal capacities | | | |
| flexible | | mm ² | 2 x 300 |
| AWG/kcmil | | mm ² | 2 x 500 |
| Terminal capacities | | | |
| Cu strip (number of segments x width x segment thickness) | | mm ² | (2 x) 10 x 50 x 1.0 |
| Copper busbar width x thickness | Width | mm | (2 x) 10 x 50 |
| Notes | | | |
| Type contains parts for a terminal located at top or bottom for 3 pole circuit-breakers. | | | |
| Double hole fitting for up to four 185 mm ² cable lugs, 50 mm rail or large flat cable terminal NZM4-XKB or large tunnel terminal NZM4-XKA | | | |
| Can be fitted to circuit-breaker with screw termination | | | |
| Phase isolator, insulating plate and 2 control circuit terminals are included as standard. | | | |

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) / 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 (ecI@ss10.0.1-27-37-13-05 [ACN990012]) | | | |
| Suitable for number of poles | | | 4 |