



Connection terminal, 300mm², 4p

Part no. NZM3-4-XK300
Catalog No. 100783

Delivery program

| | | | |
|--|-------|-----------------|---------------------------|
| Number of conductors | | | 4 pole |
| Accessories | | | Terminals |
| Rated current | I_n | A | ≤ 500 |
| For use with | | | NZM3(-4), PN3(-4), N3(-4) |
| Terminal capacities | | | |
| Type of conductor | | | |
| Cu/Al cable | | | Cu cable |
| Terminal capacities | | | |
| flexible | | mm ² | 1 x 120 - 300 |
| Notes | | | |
| Type contains parts for a terminal located at top or bottom for 3 or 4-pole circuit-breakers. | | | |
| Only in conjunction with connection width extension NZM3(-4)-XKV70. | | | |
| Use with flexible and highly flexible conductors ferrules. | | | |
| Standard with control circuit terminal for 1 x 0.75 - 2.5 mm ² or 2 x 0.75 - 1.5 mm ² copper conductors. | | | |

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) / 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

Dimensions

① NZM3(-4)-XK22X21

② NZM3(-4)-XK300

Length with phase isolators approx. 599 mm

Additional product information (links)

IL01219032Z (AWA1230-2288) Connection extension for NZM3

IL01219032Z (AWA1230-2288) Connection extension for NZM3 ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL01219032Z2014_07.pdf