



## Tunnel terminal, 4p, 6x16mm<sup>2</sup>, +cover

**Part no.** NZM1-4-XKAM  
**Article no.** 144114

Similar to illustration

### Delivery program

|  |                |                 |                          |
|--|----------------|-----------------|--------------------------|
| Standard/Approval  |                |                 | IEC                      |
| Number of conductors   |                |                 | 4 pole                   |
| Accessories  |                |                 | Tunnel terminal          |
| Rated current  | I <sub>n</sub> | A               | 160                      |
| For use with   |                |                 | NZM1-4, PN1-4, N(S)1-4   |
| <b>Terminal capacities</b>   |                |                 |                          |
| Type of conductor  |                |                 |                          |
| Cu/Al cable  |                |                 | Copper cable<br>Al cable |
| Terminal capacities  |                |                 |                          |
| flexible   |                | mm <sup>2</sup> | 6 x 2.5 - 16             |
| AWG/kcmil  |                | mm <sup>2</sup> | 6 x 14 - 6               |
| <b>Notes</b>   |                |                 |                          |
| Type contains parts for a terminal located at top or bottom for 3 or 4-pole circuit-breakers.  |                |                 |                          |
| A standard with control circuit terminal for 1 x 0.75 - 2.5 mm <sup>2</sup> (18 - 14 AWG) or 2 x 0.75 - 1.5 mm <sup>2</sup> (18 - 14 AWG) copper conductors. |                |                 |                          |
| Fitted outside the switch housing  |                |                 |                          |
| Use with flexible and highly flexible conductors ferrules. Maximum specified cross-section can only be connected when stranded and without ferrules.         |                |                 |                          |
| Mounting of the cover NZM1(-4)-XKSA obligatory (supplied).   |                |                 |                          |

### 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 6.0

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@ss8.1-27-37-04-24 [ACN957008])

Suitable for number of poles

4

Model

-

## Dimensions

