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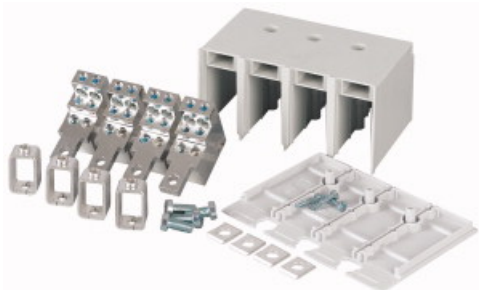


NZM1-4-XKAM- Tunnel terminal, 4p, 6x16mm², +cover



144114 NZM1-4-XKAM

[Overview](#) [Specifications](#) [Resources](#)



144114 NZM1-4-XKAM

Tunnel terminal, 4p, 6x16mm², +cover

EL-Nummer (Norway)

4358625

Optional accessories for the circuit-breaker series NZM offers a comprehensive portfolio of application options for use world wide. The mounting is always flexible and easy thanks to the modular function groups. Can be used for NZM1-4, FN1-4, N(S)1-4

- [Delivery program](#)
- [Design verification as per IEC/EN 61439](#)
- [Technical data ETIM 7.0](#)
- [Dimensions](#)

Delivery program

Standard/Approval

IEC

Number of conductors

4 pole

Accessories

Tunnel terminal

Rated current [I_n]

160 A

For use with

NZM1-4, FN1-4, N(S)1-4

Terminal capacities

Type of conductorCu/Al cable

Copper cable

Al cable

Terminal capacitiesStranded

6 x 2.5 - 16 mm²

AWG/kcmil

6 x 14 - 6 mm²

Notes

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 mm² (18 - 14 AWG) or 2 x 0.75 - 1.5 mm² (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

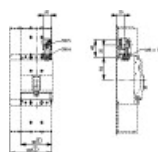
10.2 Strength of materials and parts 10.2.2 Corrosion resistance

Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.1 Verification of thermal stability of enclosures
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.3.2 Verification of resistance of insulating materials to normal heat
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 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 Strength of materials and parts 10.2.4 Resistance to ultra-violet (UV) radiation
 Meets the product standard's requirements.
 10.2 Strength of materials and parts 10.2.5 Lifting
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 10.2.6 Mechanical impact
 Does not apply, since the entire switchgear needs to be evaluated.
 10.2 Strength of materials and parts 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 Insulation properties 10.9.3 Impulse withstand voltage
 Is the panel builder's responsibility.
 10.9 Insulation properties 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



CAD data

- [Product-specific CAD data](#)
(Web)
- [3D Preview](#)
(Web)

DWG files

- [DA-CD-nzm1_4_xkam](#)
File
(Web)

edz files

- [DA-CE-ETN.NZM1-4-XKAM](#)
File
(Web)

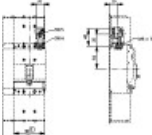
Step files

- [DA-CS-nzm1_4_xkam](#)
File
(Web)

Product photo

- 
[sg08015](#)
Photo
Tunnel terminal 4 pole 6x16mm² w. cover

Dimensions single product

- 
[123X307](#)
Line drawing
Tunnel terminal
 3 pole
 4 pole

3D drawing

- 
[123I678](#)
Line drawing
Tunnel terminal

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