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NZM4-XKR - Connection, on rear, 3p, 1 page, size 4



266842 NZM4-XKR

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266842 NZM4-XKR

Connection, on rear, 3p, 1 page, size 4

EL-Nummer (Norway)

4359062

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. Notes: part no. contains parts for a terminal located at top or bottom for 3 or 4 pole switches. Can be retrofitted additionally: NZM4...-XKM.. module plate or NZM4-...-XKV... connection width extension. Can be used for: NZM4(-4), N4(-4)

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

Number of conductors

3 pole

Accessories

Connection on rear

Rated current [I_n]

1250 A

For use with

NZM4, N4

Terminal capacities

Type of conductor Cu/Al cable

Copper cable lugs

Aluminium cable lug

Terminal capacities flexible

1 x 120 - 185

2 x 95 - 185

4 x 35 - 185

1 x 185

2 x 70 - 185

4 x 50 - 185 mm²

Terminal capacities

Cu strip (number of segments x width x segment thickness)

(2 x) 10 x 50 x 1.0 mm

Copper busbar width x thickness [Width]

(2 x) 50 x 10 mm

Notes

Type contains parts for a terminal located at top or bottom for 3 or 4-pole circuit-breakers.

Can also be retrofitted:

NZM4...-XKM... module plate or NZM4-...-XKV... connection width extension

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

3

Model

Other

Dimensions



Rear connection possible also with rotation by 90°.

3 pole

4 pole

Fitting on mounting plate

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

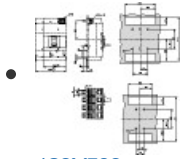
DWG files

- [DA-CD-nzm4_3p_xkr_o_u](#)
File
(Web)

Step files

- [DA-CS-nzm4_3p_xkr_o_u](#)
File
(Web)

Dimensions single product



[123X503](#)

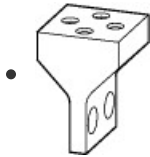
Line drawing

Connection on rear

3-pole

4-pole

3D drawing



[123I629](#)

Line drawing

Connection on rear

Product photo



[1230PIC-701](#)

Photo


Instruction Leaflet

- [IL01219017Z](#)
Asset
(PDF, Language independent)

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