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Worldwide English



NZMB-XKV70-2 - Connection width extension, 3p, 2-hole, size 3



119860 NZMB-XKV70-2

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119860 NZM3-XKV70-2

Connection width extension, 3p, 2-hole, size 3

EL-Nummer (Norway)

4358865

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 pole circuit-breakers. Double hole fitting for up to 4 185 mm² cable lugs, 50mm busbar or large flat cable terminal NZM4-XKB or large tunnel terminal NZM4-XKA. Can be fitted to circuit-breaker with screw connection. Phase isolator, insulation plate and 2 control circuit terminals included as standard. Can be used for: NZMB, FN3, N(S)3

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Delivery program

Accessories

Connection width extension

Description

Two holes

Number of conductors

3 pole

Rated current [I_n]

630 A

For use with

NZMB, FN3, N(S)3

Terminal capacities

Type of conductorCu/Al cable

Copper cable lugs

Terminal capacitiesflexible

NZMB-XKV70-2: 4 x 35 - 185

NZMB-XKV70-2 + NZM4-XKA: 4 x 50 - 240 mm²

AWG/kcmil

NZMB-XKV70-2: 2 x 350

NZMB-XKV70-2 + NZM4-XKA: 4 x 500 mm²

Terminal capacities

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

NZMB-XKV70-2 + NZM4-XKB:

6 x 16 - 0.8

(2 x) 10 x 32 x 1 mm²

Copper busbar width x thickness [Width]

(2 x) 10 x 50 mm

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 mm² 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 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) / 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 (ec1@ss10.0.1-27-37-13-05 [ACN990012])

Suitable for number of poles

3

Approvals

Product Standards

UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking

North America Certification

Request filed for UL and CSA

Suitable for

Refer to main component information

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

DWG files

- [DA-CD-nzm3_xkv70_2](#)
File
(Web)

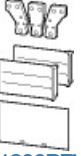
Step files

- [DA-CS-nzm3_xkv70_2](#)
File
(Web)

Product photo

- 
[1230PIC-774](#)
Photo


3D drawing

- 
[1230DRW-731](#)
Line drawing
Connection width extension, 2-hole

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