

- German
- English
- French
- Dutch
- Italian
- Polish
- Czech
- Russian
- Norwegian Bokmål

Worldwide English



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



100514 NZMB-XKV70

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

100514 NZM3-XKV70

Connection width extension 3p, size 3

EL-Nurmer (Norway)

0004358856

Optional accessories for the circuit-breaker series NZM offers a comprehensive portfolio of application options for use worldwide. The mounting is always flexible and easy thanks to the modular function groups. Notes: type contains parts for a terminal located at top or bottom for 3 or 4 pole switches. Central drilling for e.g. up to 2 cable lugs per phase. Can be fitted to circuit-breaker with screw connection. Phase isolator and insulation plate are included as standard. distance between pole centers with NZMB(-4)-XKV70: 70mm. Hole for control wire exists. Terminals NZMB(-4)-XK300 and NZMB(-4)-XK22X21 can be retrofitted. Can be used for: NZM(-4), FN3(-4), N(N/O)3(-4)

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

Delivery program

Accessories

Connection width extension

Description

One hole

Number of conductors

3 pole

Rated current [I_n]

630 A

For use with

NZMB, FN3, N(S)3

Terminal capacities

Type of conductor Cu/Al cable

Copper cable lugs

Terminal capacities flexible

2 x 300 mm²

AWG/kcmil

2 x 500 mm²

Terminal capacities

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

(2 x) 10 x 50 x 1.0 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 or 4 pole circuit-breakers.

Central drill holes, e.g. for up to 2 cable lugs per phase.

Can be fitted to circuit-breaker with screw termination

Phase isolator supplied.

Distance between pole centres with NZMB(-4)-XKV70: 70 mm

Drill hole available for control cable.

Connection terminals NZMB(-4)-XK300 and NZMB(-4)-XK22X21 can be installed.

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 (ecl@ss 10.0.1-27-37-13-05 [ACN990012])
Suitable for number of poles
3

Approvals

Product Standards
UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.
E140305
UL Category Control No.
DIHS
CSA File No.
022086
CSA Class No.
1432-01
North America Certification
UL listed, CSA certified

Dimensions

NZM3(-4)-XK22X21
 NZM3(-4)-XK300
Length with phase isolators approx. 599 mm

IL01219032Z (AWA1230-2288) Connection extension for NZM3

- IL01219032Z (AWA1230-2288) Connection extension for NZM3
(PDF)

CAD data

- Product-specific CAD data
(Web)
- 3D Preview
(Web)

Product photo



Photo

Product photo

Photo

3D drawing



1230DRW-533

Connection width extension and phase isolator

3D drawing
Line drawing

Download-Center

- Download-Center (this item)
Eaton EMEA Download-Center - download data for this item
- Download-Center
Eaton EMEA Download-Center



Generate data sheet in PDF format



Generate data sheet in Excel format



Write a comment

[Imprint](#) [Privacy Policy](#) [Legal Disclaimer](#) [Terms and Conditions](#)

© 2020 by Eaton Industries GmbH