100515 NZM3-4-XKV70

Connection width extension 4p, size 3

EL-Nummer (Norway) 4358859

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: 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 NZM3(-4)-XKV70: 70mm Hole for control wire exists. Terminals NZM3(-4)-XK300 and NZM3(-4)-XK22X21 can be retrofitted. Can be used for: NZM3(-4), PN3(-4), N(N/O)3(-4)

- Delivery program
- Design verification as per IEC/EN 61439
- Technical data ETIM 7.0
- Dimensions

Delivery program

Accessories
Connection width extension
Description
One hole
Number of conductors
4 pole
Rated current [I_n]
630 A
For use with
NZM3-4, PN3-4, N(S)3-4
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 NZM3(-4)-XKV70: 70 mm

Drill hole available for control cable.

Connection terminals NZM3(-4)-XK300 and NZM3(-4)-XK22X21 can be installed.

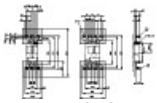
Design verification as per IEC/EN 61439

IEC/EN 61439 design verification
10.2 Strength of materials and parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.2 Verification of resistance of insulating materials to normal heat
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.3 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 parts10.2.4 Resistance to ultra-violet (UV) radiation
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.5 Lifting
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.6 Mechanical impact
Does not apply, since the entire switchgear needs to be evaluated.
10.2 Strength of materials and parts10.2.7 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 properties10.9.2 Power-frequency electric strength
Is the panel builder's responsibility.
10.9 Insulation properties10.9.3 Impulse withstand voltage
Is the panel builder's responsibility.
10.9 Insulation properties10.9.4 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@ss10.0.1-27-37-13-05 [ACN990012])
Suitable for number of poles
4

Dimensions



- NZM3(-4)-XK22X21
- NZM3(-4)-XK300

Length with phase isolators approx. 599 mm

CAD data

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

DWG files

- DA-CD-nzm3_4_xkv70
  File
  (Web)

Step files

- DA-CS-nzm3_4_xkv70
  File
  (Web)

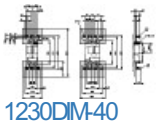
Product photo

- 
  1230PIC-772
  Photo

3D drawing

- 
  1230DRW-533
  Line drawing
  Connection width extension and phase isolator

Dimensions single product

- 
  1230DIM-40
  Line drawing
  Connection width extension

Instruction Leaflet

- IL01219032Z
  Asset
  (PDF, Language independent)

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