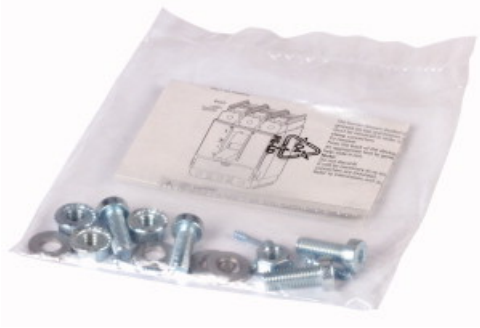

260039 NZM3-XKS

Screw connection, 3p, standard, size 3

EL-Nummer (Norway) 4358777

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. Standard connection with all NZM3, PN3 and N3 circuit-breakers. Conversion kit for circuit-breaker with box terminal. Use special cable lug narrow version. fitted within the switch housing. If a busbar is used, insulation (400mm) heat-shrink tubing and a cover NZM3(-4)-XKSA are required. Ue □ 525 VAC. For all other connection types use cover NZM3(-4)-XKSA. Can be used for: NZM3(-4), PN3(-4), N(NA)3(-4)

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

Delivery program

Number of conductors
3 pole
Accessories
Screw connection
Rated current [I_n]
630 A
For use with
NZM3, PN3, N(S)3
Terminal capacities
Type of conductorCu/Al cable
Copper cable lugs
Aluminium cable lug
Terminal capacitiesflexible
1 x 16 - 300
2 x 16 - 240 mm²
AWG/kcmil
1 x 4 - 350
2 x 350 mm²
Terminal capacities
Cu strip (number of segments x width x segment thickness)
10 x 32 x 1.0
+ 5 x 32 x 1.0 mm²
Copper busbar width x thickness [Width]
30 x 10
+ 30 x 5 mm
Notes
Type contains parts for a terminal located at top or bottom for 3 or 4 pole circuit-breakers.

Standard connection with all NZM3, PN3 and N3 circuit-breakers.

Conversion kit for circuit-breaker with box terminal.

Use only specialized cable lugs with a narrow design; see NZM*XKS* types. Otherwise, NZM*XKP phase disconnectors must be used, even for insulated cable lugs.

Fitted within the switch housing.

If a busbar is used, this must be insulated using heat-shrink tubing and an NZM3(-4)-XKSA cover; the insulation must be 400 mm thick.

U_e □ 525 V AC.

For all other connection types, an NZM3(-4)-XKSA cover must be used.

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) / 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

Approvals

Product Standards
UL489; CSA-C22.2 No. 5-09; IEC60947, CE marking
UL File No.
E31593
UL Category Control No.
DIHS
CSA File No.
022086
CSA Class No.
1437-01
North America Certification
UL listed, CSA certified
Suitable for
Refer to main component information

CAD data

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

DWG files

- DA-CD-nzm3_xks
  File
  (Web)

Step files

- DA-CS-nzm3_xks
  File
  (Web)

3D drawing

- 
  123I674
  Line drawing
  Screw connection

Product photo

- 
  1230PIC-731
  Photo

Instruction Leaflet

- IL01208008Z
  Asset
  NZM3(-4)-XK
  (PDF, 01/21, Language independent)

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