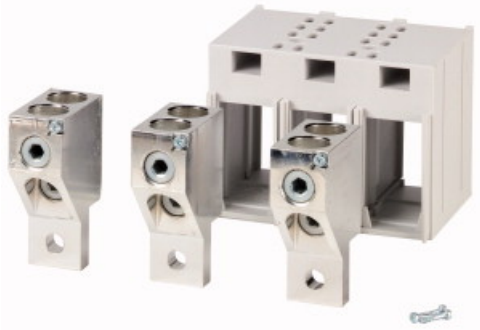


271461 NZM3-XKA2

Tunnel terminal, 3p, 1 page, max. 2x240mm², size 3

EL-Nummer (Norway) 4358874

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. A standard with control circuit terminal for 1x0.75-2.5 mm² (18-14 AWG) or 2x0.75-1.5 mm² (18-16 AWG) copper conductors. Fitted outside the switch housing use ferrules with flexible and highly flexible conductors. Max. cross section shown can only be connected when flexible and without ferrules. Cover NZM3(-4)-XKSA must be fitted (included as standard). 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
- Approvals
- Dimensions

Delivery program

Standard/Approval
UL/CSA, IEC
Number of conductors
3 pole
Accessories
Tunnel terminal
Rated current [I_n]
IEC: 630

UL/CSA: 550 A
For use with
NZM3, PN3, N(S)3
Terminal capacities
Type of conductorCu/Al cable
Copper cable
Al cable
Terminal capacitiesStranded
1 x 50 - 240
2 x 50 - 240 mm²
AWG/kcmil
1 x 0 - 500
2 x 0 - 500 mm²
Notes
Type contains parts for a terminal located at top or bottom for 3 or 4-pole circuit-breakers.

A standard with control circuit terminal for 1 x 0.75 - 2.5 mm² (18 - 14 AWG) or 2 x 0.75 - 1.5 mm² (18 - 16 AWG) copper conductors.

Fitted outside the switch housing

Use with flexible and highly flexible conductors ferrules. Maximum specified cross-section can only be connected when stranded and without ferrules.

Mounting of the cover NZM3(-4)-XKSA obligatory (supplied).

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

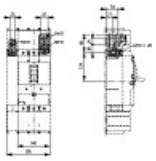
Low-voltage industrial components (EG000017) / Wiring set for power circuit breaker (EC002050)
Electric engineering, automation, process control engineering / Low-voltage switch technology / Circuit breaker (LV < 1 kV) / Wiring set for circuit breaker (ecl@ss10.0.1-27-37-04-24 [ACN957011])
Suitable for 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.
1432-01
North America Certification
UL listed, CSA certified
Suitable for
Refer to main component information

Dimensions



CAD data

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

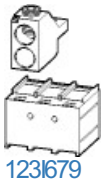
DWG files

- DA-CD-nzm3_xka2
  File
  (Web)

Step files

- DA-CS-nzm3_xka2
  File
  (Web)

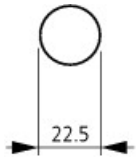
3D drawing

- 
  123l679
  Line drawing
  Tunnel terminal

Product photo

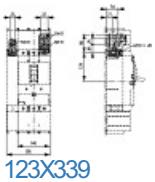
- 
  1230PIC-1433
  Photo
  Tunnel terminal, 3p, 1 side, max. 240 mm2, size 3

Dimensions single product

- 

  0000DIM-3
  Line drawing

Maximum cross section

- 
  123X339
  Line drawing
  Tunnel terminal

Instruction Leaflet

- IL01210007Z
  Asset
  (PDF, Language independent)

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