260041 NZM3-XKS240

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Cable lug, 240mm², narrow type, size 3

EL-Nummer (Norway) 4358811

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: The part no. contains a cable lug for 3 or 4 pole switch. Special cable lug, narrow style. Not UL/CSA approved. When using cable lugs without NZM3(-4)-XKSA cover, they must be insulated. Can be used for: NZM3(-4), PN3, N(N/O)3(-4), NZM4(-4), N(N/O)4(-4)

Delivery program

Number of conductors
3/4 pole
Accessories
Cable lugs
For use with
NZM3(-4), PN3(-4), N3(-4)
NZM4(-4), N(-4)
Description
Not UL/CSA approved.
Narrow tubular cable lugs for switchgear connections.
When using without cover NZM3(-4)-XKSA, the cable lug must be insulated.
Terminal capacity
240 mm²
Instructions
For detailed specifications regarding suitable types of conductors and the required crimping tool: See Heading Engineering.

Technical data

Engineering
Engineering notes
In order to crimp cable lugs when using stranded conductors, e.g., VDE 0295 Class 2 and rounded stranded sector-shaped conductors, you will need a Klauke K22, HK60/22, or EK22 crimping tool with the following crimping dies:

- R22/95 for 95 mm²

- R22/120 for 120 mm²
- R22/150 for 150 mm²
- R22/185 for 185 mm²
- R22/240 for 240 mm²
- R22/300 for 300 mm²

Flexible conductors are adequate to a limited extent. They must be indent-crimped with a Klauke series 13 or series 25 crimping die.

Design verification as per IEC/EN 61439

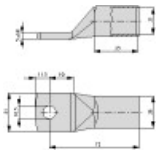
IEC/EN 61439 design verification
10.2 Strength of materials and parts10.2.2 Corrosion resistance
Meets the product standard's requirements.
10.2 Strength of materials and parts10.2.3.1 Verification of thermal stability of enclosures
Meets the product standard's requirements.
10.2 Strength of materials 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

Installation, isolation and connection material (EG000047) / Crimp cable lug for copper conductors (EC001050)
Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Lug, conductor sleeve, connector / Crimp cable lug for copper conductors (ecl@ss10.0.1-27-40-02-03 [AKN512013])
Bolt dimension (metric)
0
Connecting angle
180° (horizontal)
Number of mounting holes
1
Code digit
0

Nominal cross section
240 mm²
Surface protection
Tinned
Identification colour
None

Dimensions



3D drawing

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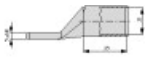
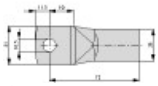
123I073
Line drawing
Cable lug

Product photo

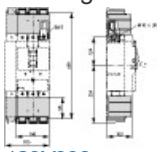
- 

1230PIC-693
Photo

Dimensions single product

- 
- 

1230DIM-39
Line drawing
Cable lug

- 

123X338
Line drawing
Cover for screw terminals

Instruction Leaflet

- IL01219001Z
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  (PDF, Language independent)

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