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NZM2-XKS185 - Cable lug, cu, cable, size 2



260032 NZM2-XKS185

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260032 NZM2-XKS185

Cable lug, cu, cable, size 2

EL-Nummer (Norway)

4358781

Special cable lug, narrow type 185 mm², can be used for NZM2(-4), FN2(-4), N2(-4)

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Delivery program

Number of conductors

3/4 pole

Accessories

Cable lugs

For use with

NZM2(-4), FN2(-4), N2(-4)

Description

Not UL/CSA approved.

Narrow tubular cable lugs for switchgear connections.

When using without cover NZM2 (-4)-XKSA, the cable lug must be insulated.

Terminal capacity

185 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 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

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

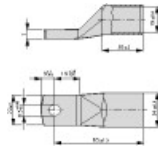
Code digit

0

Nominal cross section

185 mm²
Surface protection
Tinned
Identification colour
None

Dimensions



3D drawing



1231073

Line drawing
Cable lug

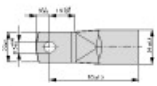
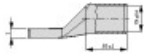
Product photo



1230PIC-693

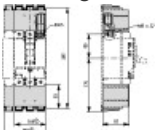
Photo

Dimensions single product



1230DIM-37

Line drawing
Cable lug



123X319

Line drawing
Shroud for screw terminals

- 3 pole
- 4 pole

Instruction Leaflet

- [IL01219049Z](#)
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(PDF, Language independent)

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