

Cable lug, cu, cable, size 3

Part no. **NZM3-XKS185**
 Catalog No. **260040**

EL-Nummer **4358810**
 (Norway)

Similar to illustration

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		mm ²	185
Instructions For detailed specifications regarding suitable types of conductors and the required crimping tool: See Heading Engineering.			

Technical data

Engineering

Engineering notes			<p>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:</p> <ul style="list-style-type: none"> • 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 <p>Flexible conductors are adequate to a limited extent. They must be indent-crimped with a Klauke series 13 or series 25 crimping die.</p>
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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.
10.2.3.1 Verification of thermal stability of enclosures			Meets the product standard's requirements.
10.2.3.2 Verification of resistance of insulating materials to normal heat			Meets the product standard's requirements.
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.
10.2.4 Resistance to ultra-violet (UV) radiation			Meets the product standard's requirements.
10.2.5 Lifting			Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 Mechanical impact			Does not apply, since the entire switchgear needs to be evaluated.
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.
10.9.3 Impulse withstand voltage			Is the panel builder's responsibility.
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 8.0

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 (ecI@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		mm ²	185
Surface protection			Tinned
Identification colour			None