



Cable lug, 150mm², narrow type

Part no. KS150-NZM7
Catalog No. 059777

EL-Nummer (Norway) 0004315502

Similar to illustration

Delivery program

| | | |
|---|-----------------|--|
| Number of conductors | | 3/4 pole |
| Accessories | | Cable lugs |
| For use with | | NZM2(-4), PN2(-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 | mm ² | 150 |
| 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

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| 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 | | |

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| 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 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 (ec1@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 | 150 |
| Surface protection | | Tinned |
| Identification colour | | None |

Dimensions



