



PRODUCT SPECIFICATION

10/3/2024



6438100321901

Mechanical cable lug

LUG6-50/8LVTIN



Code	LUG6-50/8LVTIN
GTIN	6438100321901
Name	Mechanical cable lug Al/Cu 6-50 mm ² , ø 8.5 mm
Description	The cable lugs are used for terminating conductors of up to 1 kV cables. Because of the shear head bolt construction no crimping tools are needed. The required torque is achieved by tightening the bolt until the head breaks off. The lugs are longitudinally water tight and they are suitable for both aluminium and copper conductors, solid and stranded as well as for sector shaped and circular conductors.
Vendor	Ensto Finland Oy

Technical specification

Standards

Standards:	IEC 61238-1
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Dimensions

Length:	60 mm
Width:	20 mm
Height:	31 mm
Diameter:	20 mm
Weight:	0.039 kg
Conductor size Al:	6 ... 50 mm ²
Conductor size Cu:	6 ... 50 mm ²
Nominal cross section:	6 ... 50 mm ²

Mechanical

Tightening torque Nm:	11 Nm
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Features

For conductor shape:	Sector,Round,Stranded,Solid,Fine stranded
For busbar type:	Tinned busbar,Bare aluminium busbar,Bare copper busbar
Rated maximum voltage:	0,6/1 (1,2) kV

Others

ETIM Class:	EC001054
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ETIM Technical specification

etim

Nominal cross section copper RM:	6 ... 50 mm ²
Nominal cross section copper RE:	6 ... 50 mm ²
Nominal cross section copper SM:	6 ... 50 mm ²
Nominal cross section aluminium SM:	6 ... 50 mm ²
Nominal cross section aluminium SE:	6 ... 50 mm ²
Bolt dimension (metric):	11
Material conductor:	Aluminium/copper
Surface protection:	Tinned
With shear-off head:	Yes

Packaging

Plastic bag

Package size:	1 pcs
Depth:	100 mm
Width:	300 mm
Height:	10 mm
Weight:	0.139 kg
Volume:	0.3 l

Carton (Default package)

Package size:	100 pcs
Depth:	383 mm
Width:	258 mm
Height:	131 mm
Weight:	14.116 kg
Volume:	12.944634 l

Pallet package

Package size:	6300 pcs
Depth:	1200 mm
Width:	800 mm
Height:	1150 mm
Weight:	909.308 kg
Volume:	1104 l

