



PRODUCT SPECIFICATION

10/3/2024



6438100322038

Mechanical cable lug

LUG150-300/16LVTIN

Code	LUG150-300/16LVTIN
GTIN	6438100322038
Name	Mechanical cable lug Al/Cu 150-300 mm ² Ø 16,5 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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Technical information

Cross section stranded circular:	150 ... 300 mm ²
Cross section solid circular:	150 ... 300 mm ²
Cross section stranded sector:	150 ... 300 mm ²
Cross section solid sector:	150 ... 300 mm ²

Dimensions

Length:	132 mm
Width:	42 mm
Height:	66 mm
Diameter:	42 mm
Weight:	0.331 kg
Conductor hole diameter:	25 mm
Palm hole diameter:	16.5 mm

Quantity of palm holes: 1

Mechanical

Tightening torque Nm: 52 Nm

Features

Rated maximum voltage: 0,6/1 (1,2) kV

Others

ETIM Class: EC001054

ETIM Technical specification

etim

Nominal cross section copper RM: 150 ... 300 mm²
 Nominal cross section copper RE: 150 ... 300 mm²
 Nominal cross section copper SM: 150 ... 300 mm²
 Nominal cross section aluminium RM: 150 ... 300 mm²
 Nominal cross section aluminium RE: 150 ... 300 mm²
 Nominal cross section aluminium SM: 150 ... 300 mm²
 Nominal cross section aluminium SE: 150 ... 300 mm²
 Bolt dimension (metric): 22
 Material conductor: Aluminium/copper
 Surface protection: Tinned
 With shear-off head: Yes

Packaging

Plastic bag

Package size: 1 pcs
 Depth: 5 mm
 Width: 15 mm
 Height: 30 mm
 Weight: 0.341 kg
 Volume: 0.00225 l

Carton (Default package)

Package size: 50 pcs
 Depth: 398 mm
 Width: 263 mm
 Height: 221 mm
 Weight: 17.326 kg
 Volume: 23.132954 l

Pallet package

Package size: 1800 pcs
 Depth: 1200 mm

Width:	800 mm
Height:	970 mm
Weight:	643.736 kg
Volume:	931.2 l