

ENSTO

PRODUCT SPECIFICATION

10/3/2024



6438100321987

Mechanical cable lug

LUG95-185/12LVTIN

Code	LUG95-185/12LVTIN
GTIN	6438100321987
Name	Mechanical cable lug Al/Cu 70-185 mm ² Ø 12,5 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

Conductor material:	Al/Cu
Cross section stranded circular:	70 ... 185 mm ²
Cross section solid circular:	70 ... 185 mm ²
Cross section stranded sector:	70 ... 185 mm ²
Cross section solid sector:	70 ... 185 mm ²

Dimensions

Length:	101 mm
Width:	30 mm
Height:	44 mm
Diameter:	30 mm
Weight:	0.14 kg
Conductor hole diameter:	19 mm

Palm hole diameter:	12.5 mm
Quantity of palm holes:	1

Mechanical

Tightening torque Nm:	40 Nm
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Features

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

ETIM Class:	EC001054
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ETIM Technical specification

etim

Nominal cross section copper RM:	70 ... 185 mm ²
Nominal cross section copper RE:	70 ... 185 mm ²
Nominal cross section copper SM:	70 ... 185 mm ²
Nominal cross section aluminium RM:	70 ... 185 mm ²
Nominal cross section aluminium RE:	70 ... 185 mm ²
Nominal cross section aluminium SM:	70 ... 185 mm ²
Nominal cross section aluminium SE:	70 ... 185 mm ²
Bolt dimension (metric):	18
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:	0.24 kg
Volume:	0.3 l

Carton (Default package)

Package size:	50 pcs
Depth:	403 mm
Width:	298 mm
Height:	246 mm
Weight:	12.333 kg
Volume:	29.543124 l