

# ENSTO

## Mechanical cable lug

LUG150-300/12LVTIN

|             |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Code        | LUG150-300/12LVTIN                                                                                                                                                                                                                                                                                                                                                                                                    |
| GTIN        | 6438100322021                                                                                                                                                                                                                                                                                                                                                                                                         |
| Name        | Mechanical cable lug<br>Al/Cu 150-300 mm <sup>2</sup> 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 |
|------------|-------------|

### Technical information

|                                  |                             |
|----------------------------------|-----------------------------|
| Conductor material:              | Al/Cu                       |
| Cross section stranded circular: | 150 ... 300 mm <sup>2</sup> |
| Cross section solid circular:    | 150 ... 300 mm <sup>2</sup> |
| Cross section stranded sector:   | 150 ... 300 mm <sup>2</sup> |
| Cross section solid sector:      | 150 ... 300 mm <sup>2</sup> |

### Dimensions

|                          |         |
|--------------------------|---------|
| Length:                  | 132 mm  |
| Width:                   | 42 mm   |
| Height:                  | 66 mm   |
| Diameter:                | 42 mm   |
| Weight:                  | 0.32 kg |
| Conductor hole diameter: | 25 mm   |

Palm hole diameter: 12.5 mm

Quantity of palm holes: 1

## Mechanical

Tightening torque: 52 Nm

## Features

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

## Others

ETIM Class: EC001054

## ETIM Technical specification

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### etim

Nominal cross section copper RM: 150 ... 300 mm<sup>2</sup>

Nominal cross section copper RE: 150 ... 300 mm<sup>2</sup>

Nominal cross section copper SM: 150 ... 300 mm<sup>2</sup>

Nominal cross section aluminium RM: 150 ... 300 mm<sup>2</sup>

Nominal cross section aluminium RE: 150 ... 300 mm<sup>2</sup>

Nominal cross section aluminium SM: 150 ... 300 mm<sup>2</sup>

Nominal cross section aluminium SE: 150 ... 300 mm<sup>2</sup>

Bolt dimension (metric): 22

Material conductor: Aluminium/copper

Surface protection: Tinned

With shear-off head: Yes

## Packaging

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### Carton (Default package)

Package size: 50 pcs

Depth: 390 mm

Width: 255 mm

Height: 205 mm

Weight: 16.5 kg

Volume: 20.38725 l

### Pallet package

Package size: 1800 pcs

Depth: 1200 mm

Width: 800 mm

Height: 1150 mm

Weight: 614 kg

Volume: 1104 l