

# ENSTO

## KG18

### Cable lug

Code	KG18
GTIN	6418677400179
ENumber	
Name	Cable lug Al 2x50-240 mm <sup>2</sup>
Description	For connecting Al-conductors to distribution boards, components and flat bars  ERC



## Technical specification

### Dimensions

Weight:	0.47 kg
Conductor size:	Al 2x50-240
Conductor diameter:	7.7 ... 20 mm

### Features

Bolt:	2xM10
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### Mechanical

Tightening torque:	40 Nm
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### Ratings

ETIM class:	EC000001
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### Specification

Construction:	The groove for aluminium conductor is toothed to ensure reliable connection. The connector is equipped with a piece of solid aluminium bar to enable the connection with one conductor only.
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**Construction:**

Component	Material
Body	Corrosion resistant aluminium alloy, tensile strength 300N/mm <sup>2</sup>
Bolts	Hot-dip galvanised steel
Bar	Tin plated copper

**Installation:**

It is not necessary to dismantle the connector during the installation work. Brush and grease the peeled aluminium conductor and connector grooves. Unscrew the bolts and then place the conductor into the groove. When two conductors are connected, the aluminium bar must be removed. Tighten the bolts with articulated spanner to torque of 40 Nm.

**Tools required:**

Articulated spanner ST 20 or torque wrench ST 30 with 17mm socket ST 12.

**Markings:**

KG 18

**Standard:**

IEC61238-1

## ETIM

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**ETIM**

<b>Max. conductor cross section:</b>	240 mm <sup>2</sup>
<b>Busbar thickness:</b>	5 mm
<b>Suitable for:</b>	Flat rail
<b>Width clamp:</b>	60 mm
<b>Suitable for round conductor connection:</b>	true
<b>Suitable for sector conductor connection:</b>	true
<b>Busbar width:</b>	40 mm

## Packaging

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**Default package**

<b>Size:</b>	20
<b>Length:</b>	220 mm
<b>Width:</b>	220 mm
<b>Height:</b>	175 mm
<b>Weight (net):</b>	9.3 kg
<b>Weight (brt):</b>	9.447 kg
<b>Volume:</b>	0.0085

**Pallet package**

<b>Size:</b>	1400
<b>Length:</b>	1200 mm

<b>Width:</b>	800 mm
<b>Height:</b>	840 mm
<b>Weight (net):</b>	651 kg
<b>Weight (brt):</b>	671 kg
<b>Volume:</b>	0.8064