

ENSTO

KG16

Busbar connector

Code	KG16
GTIN	6418677400131
ENumber	
Name	Busbar connector Al 16-120 mm ² , Max thickness of the bar 10 mm
Description	The KG 16 connector is used for connecting Al-conductors to aluminium busbars or tin plated copper busbars in distribution boards, disconnectors, medium and low voltage transformer bushings.

ERC



Technical specification

Dimensions

Weight:	0.26 kg
Max. thickness of the bar:	10 mm
Conductor size Al:	16 ... 120 mm ²
Conductor diameter:	4.6 ... 14 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

Use:	For connecting Al-conductors to aluminium busbars or tin-plated copper busbars in distribution boards, fuse-switch-disconnectors, and medium and low voltage transformer bushings.
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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.

Construction:

Component	Material
Body	Corrosion resistant aluminium alloy, tensile strength 300 N/mm ²
Screws	Hot-dip galvanised steel
Counter piece	Hot-dip galvanised steel
Washers	Hot-dip galvanised steel
compressing plate	Corrosion resistant aluminium alloy

Installation:

Brush and grease the peeled aluminium conductor and connector grooves. Unscrew the screws and then place the conductor into the groove. When two conductors are connected, the aluminium bar must be removed. Tighten the screws with articulated spanner to torque of 40 Nm.

Markings:

Ensto, KG16, 16-120 mm²

Standard:

IEC 61238-1

ETIM

ETIM

Max. conductor cross section:	120 mm ²
Busbar thickness:	10 mm
Suitable for:	Flat rail
Width clamp:	50 mm
Suitable for round conductor connection:	true
Suitable for sector conductor connection:	true
Suitable for strip conductor connection:	true

Packaging

Default package

Size:	25
Length:	220 mm
Width:	220 mm
Height:	125 mm
Weight (net):	6.45 kg
Weight (brt):	6.628 kg
Volume:	0.0061

Pallet package

Size:	2625
Length:	1200 mm
Width:	800 mm
Height:	890 mm
Weight (net):	677.25 kg
Weight (brt):	698 kg
Volume:	0.8544

