

BUSBAR CONNECTOR KG 36

TECHNICAL DATA	Type	KG 36
	For conductors	Al 50 - 240 mm ² Cu 10 - 95 mm ²
	Max thickness of the bar	10 mm
	Bolts	2 x M10
	Weight	360 g
	Tightening torque	40 Nm

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

CONSTRUCTION

Component	Material
Body	Corrosion resistant aluminium alloy, tensile strength 300 N/mm ²
Bolts	Hot-dip galvanised steel, strength class 8.8
Counter piece	Hot-dip galvanised steel
Washers	Hot-dip galvanised steel
Pressure plate	Corrosion resistant aluminium alloy, tensile strength 300 N/mm ²

The groove for aluminium conductor is toothed to ensure reliable connection. The groove for copper conductors is equipped with tin plated copper sections which are mechanically fixed into the body. The outer junction surfaces are painted to prevent corrosion. The connector is equipped with a piece of solid aluminium bar to enable the connection with one conductor only.

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 the Al-conductor is connected, the aluminium bar must be removed. It is also recommended to grease the connection between the connector body and the busbar. Tighten the bolts with articulated spanner to torque of 40 Nm.

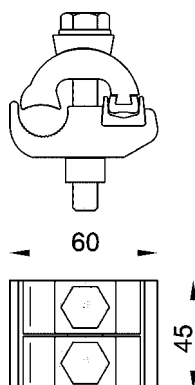
TOOLS REQUIRED

Articulated spanner ST 20 or torque wrench ST 30 with socket ST 12

MARKINGS KG 36,
Al 50-240 mm²
Cu 10-95 mm²

STANDARD SFS 2663, VDE 220 Teil 1/11.71 and Teil 2/11.71

PACKING 50 pcs in a cardboard box.



UTILITY NETWORKS

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