

ALUMINIUM TO COPPER CONNECTOR SM 2.25

TECHNICAL DATA	Type	SM 2.25
	Al conductor	16 - 120 mm ²
	Cu conductor	6 - 35 mm ²
	Bolt	2xM8
	Suitable plastic cover	SP 15
	Test voltage	4 kV / 50 Hz/1min.
	Weight	130 g
	Tightening torque	20 Nm

USE Non tension aluminium to copper connections. As the upper section of the connector is divided, two copper branch conductors with different diameters can be connected to the aluminium main conductor.

CONSTRUCTION

Component	Material
Body	Corrosion resistant aluminium alloy, tensile strength 300 N/mm ²
Screw	Hot-dip galvanised steel, strength class 8.8

The lower section of the body protects the bolts against corrosion and enables the connector to be easily reopened even after years of service. The groove for aluminium conductor is pre brushed, greased and toothed to ensure reliable connection. The groove for copper conductor is equipped with tin plated copper sections which are mechanically fixed into the body and the outer junction surfaces are painted to prevent corrosion. The stainless steel springs hold the connector parts open during the installation.

INSTALLATION

It is not necessary to dismantle the connector during the installation work. Brush the peeled aluminium conductor. Unscrew the bolt and place the conductors into the grooves. Tighten the bolts with articulated spanner and fork wrench to torque of 20 Nm.

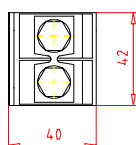
TOOLS REQUIRED

Articulated spanner ST 20
Fork wrench ST 34

MARKINGS SM 2.2
Al 16 - 120 mm²
Cu 6- 35 mm²

STANDARD SFS 2663, VDE 0220 Teil 1/11.71 and Teil 1a/4.78, Certificate FI 171028-01, Test certificate ÖVE 18706/E

PACKING 50 pcs in a cardboard box. Each connector is individually packed in a plastic bag.



UTILITY NETWORKS

Ensto Sekko Oy
Kipinätie 1
PL 51
06101 Porvoo

Ensto Sekko Oy
Kipinätie 1
P.O. Box 51
06101 Porvoo
Finland

Tel. +358 (0) 204 76 21
Fax +358 (0) 204 76 2771
www.ensto.com

Reg. No. 166.780
Reg. office: Porvoo