MEKA PRO OY | MEMBER OF PROPRIA GROUP

21st October 2025

ELECTRICAL CONTINUITY COMPLIANCE

According to IEC standard 61537 (Cable management – Cable tray systems and cable ladder systems); Cable tray systems and cable ladder systems shall have adequate electrical continuity to ensure equipotential bonding and connection(s) to earth if required according to the application of the cable tray system or of the cable ladder system. The calculated impedances shall not exceed 50 mΩ across the joint and 5 mΩ per meter without the joint.

We hereby declare that product + coupler piece combination listed below comply with this requirement when assembled according to manufacturer's instructions. No special cables needed for earthing purposes.

KS20 K PG
KS20 PG / XPG / HDG
KS60 PG / XPG / HDG
KS100 PG / XPG
KS80 HDG
HST KS80
KSF80 HDG

MEKA PRO OY

Niklas Skogster
Managing director

Table 1. Test results without joint.

Product name	Impedance mΩ / 1,0m
KS20 K PG	0.81
KS20 PG / HDG / XPG	0.60
KS60 PG / HDG / XPG	0.58
KS100 PG / XPG	0.24
KS80 HDG	0.44
HST KS80	2.48
KSF80 HDG	0.44

Table 2. Test results with joint.

Product name	Impedance mΩ
KS20 K PG SSR PG / SSU PG	0.30
KS20 PG SSC PG	0.24
KS20 PG SSR PG	0.13
KS20 PG NL PG	0.24
KS20 XPG SSR HDG	0.46
KS60 HDG SSR / SSU HDG	0.24
KS100 PG / XPG KS100 J PG / XPG (8 + 8 bolts)	0.22
KS100 PG / XPG KS100 UB PG / XPG (4 + 4 bolts)	0.38
KS80 HDG SSR HDG	0.17
KS80 HDG SSU HDG	0.14
KS80 HDG NL HDG	0.39
KS80 HDG NL-TK HDG	0.26
KS80-300 HDG VF HDG	0.29
HST KS80 HST SSU	0.66
KSF80 HDG KSF80 HDG	0.16
KSF80 HDG KSF-NL HDG (straight connection)	0.15
KSF80 HDG KSF-NL HDG (angle connection)	0.30