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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.

KRA M, PG and XPG product series

KRB M, PG and XPG product series

KRC M and PG product series

MEKA PRO OY



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Table 1. Test results without joint.

Product name	Impedance mΩ / 1,0m
KRA height 40, 60, 90, 110 width 100, 200 M, PG and XPG	≤ 0,86
KRA height 40, 60, 90, 110 width 300, 400 M, PG and XPG	≤ 0,30
KRA height 40, 60, 90, 110 width 500, 600 M, PG and XPG	≤ 0,14
KRB height 40, 60, 90, 110 width 300, 400, 500, 600 M, PG and XPG	≤ 0,38
KRC width 100 M and PG	≤ 1,54
KRC width 150 M and PG	≤ 1,10
KRC width 200, 250, 300, 400 M and PG	≤ 0,70

Table 2. Test results with joint.

Product name	Impedance mΩ
KRA height 40, 60, 90, 110 width 100, 200 M, PG and XPG RSS M, PG and XPG	≤ 0,63
KRA height 40, 60, 90, 110 width 300, 400 M, PG and XPG RSS M, PG and XPG	≤ 0,36
KRA height 40, 60, 90, 110 width 500, 600 M, PG and XPG RSS M, PG and XPG	≤ 0,23
KRA height 40, 60, 90, 110 width 100, 200 M, PG and XPG RVS M, PG and XPG	≤ 1,09
KRA height 40, 60, 90, 110 width 300, 400 M, PG and XPG RVS M, PG and XPG	≤ 0,96
KRA height 40, 60, 90, 110 width 500, 600 M and PG RVS M, PG and XPG	≤ 0,59
KRB height 40, 60, 90, 110 width 300, 400, 500, 600 M, PG and XPG RSS M, PG and XPG	≤ 0,32
KRB height 40, 60, 90, 110 width 300, 400, 500, 600 M, PG and XPG RVS M, PG and XPG	≤ 1,14
KRC-100 PG KRC J-100 PG	≤ 0,41
KRC-150 PG KRC J-150 PG	≤ 0,30
KRC-200 PG KRC J-200 PG	≤ 0,24

