CONTINUITY: METHOD 1 OR METHOD 2?

WHY CAN'T YOU TEST BONDING WITH R1 PLUS R2?

Continuity of protective conductors, including main and supplementary bonding, can be tested two ways. Do them in either order; in the assessment both count as the first test in the sequence.

Test method 1 needs a line conductor: you link line and CPC at the board and test across them at each point. **Bonding has no line conductor.** So for the bonding there is only one method: **test method 2**.

Method 1 · $R_1 + R_2$

- ✓ proves the CPC
- ✓ largely proves polarity
- ✓ proves the switches
- ✕ needs a line conductor

the one to reach for on circuits

Method 2 · R_2

- ✓ proves the CPC
- ✓ proves bonding — the only way
- ✕ not polarity
- ✕ not the switches

the long lead · one conductor, end to end

Method 1 for circuits, wherever you can. Method 2 for bonding, always, and for CPCs when method 1 isn't possible.

Guidance Note 3 · 2.6.5 · test methods 1 and 2

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