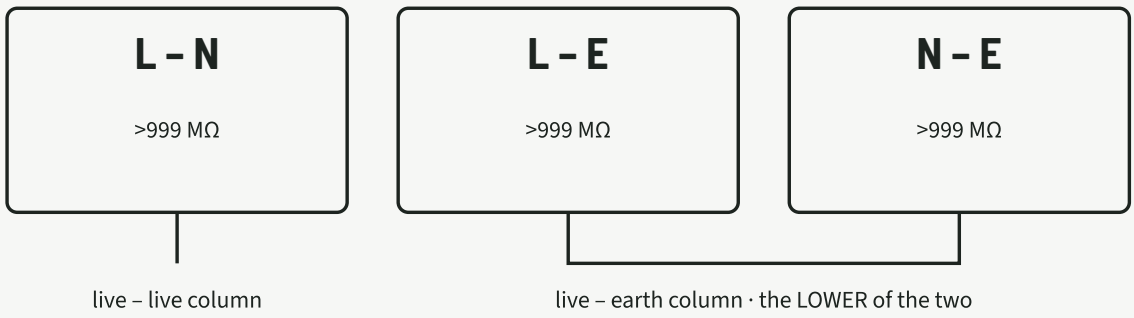
INSULATION RESISTANCE: THREE READINGS, TWO COLUMNS

LINE TO EARTH 900, NEUTRAL TO EARTH 700. WHAT DO YOU RECORD?

Insulation resistance tester, **500 V**. Write the test voltage on the schedule first.
Then, for each circuit, three readings:



There are only two result columns, not three: live–live (column 24) and live–earth (25), with the test voltage in 23. Line–neutral is live–live; line–earth and neutral–earth are both live–earth, and the lower one is recorded. On three phase the columns would otherwise need ten.

- **Switches closed.** A cooker switch left off leaves the cable to the outlet out of the test.
- **An RCBO stays off**, and you test on its circuit terminals (line and neutral both land on an RCBO). It's voltage-sensitive.
- Record the **lowest** reading in each column, exactly as the meter shows it — including the **>**.

> **Two-way and intermediate switching:**
> operate the switches and test again in each position. Every switch position puts a different strapper in circuit, and each one's insulation needs proving.

Guidance Note 3 · 2.6.7 · switches closed

Guidance Note 3 · 2.6.7 · two-way and intermediate switching

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