PROSPECTIVE FAULT CURRENT, ON THE SAME VISIT

IS 297 THE RIGHT NUMBER TO WRITE IN THE KA BOX?

While you're at the origin, you get the **prospective fault current**. It's two readings, and the meter does the arithmetic (Ohm's law) for you.

PEFC	PSCC
line to earth	line to neutral
same connection as Z_e	read the AMPS, not the ohms
264 A	**297 A**

Ipf = the higher · 297 A = 0.297 kA

Example readings. The schedule wants kiloamps: 297 A is **0.297 kA**. Write "297" in a kA box and you've claimed 297,000 amps.

- **PEFC** — prospective earth fault current — comes with the Z_e reading: same leads, line to earth.
- **PSCC** — prospective short-circuit current — probes on **line and neutral** on the supply side of the main switch. Read the **current**; ignore the ohms figure.
- Record the **higher** of the two as $\mathbf{I_{pf}}$, in kA, on EIC page 2, just above Z_e.

> **Jot it down as you go.**
> A little table on scrap paper — Z_e, PEFC, PSCC, and the same three at each sub-board — saves you remembering numbers while you move leads.

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