

Earth Fault-loop Impedance

This test proves that the impedance of the earth fault-loop is low enough so that a protective device will operate in less than the specified disconnection time (specified in Table 8.1 of AS/NZS 3000).



YOU'LL NEED:

- an earth fault-loop tester.



BEFORE YOU START:

1. Ensure you are using all relevant personal protective equipment.

TIP

Use the **ME Hub app** to document your test results as you work. Use the calculator within the app to find the maximum resistance for this test.



HOW:

1. On a live supply, connect the earth fault-loop tester to the furthest socket of the first subcircuit in the installation.
2. Check the reading – **result must not exceed the maximum impedance (Z_s) value given in Table 8.1 of AS/NZS 3000. Use the ME Hub app calculator to find the maximum impedance for this test.**

Repeat for all subcircuits in the installation.

