WHEN AN RCD HAS TO BE REPLACED

THE TEST BUTTON DOES NOTHING. NOW WHAT?

> `If the test button does not work, replace the device`

The device's own test button creates a small imbalance between line and neutral. If pressing it does not trip the RCD, you do not carry on with the RCD tests — the device gets replaced at the inspection stage.

Domestic RCDs are 30 mA.
You would not change to 100 mA in a house — 30 mA is what the guidance asks for and more than enough.

Nuisance tripping is a different problem.
That may mean you need a different **type** of RCD rather than a different rating — and types have changed as technology has.

Cost is a real factor in the advice you give.
An AFDD is around **£120** a device. BS 7671 sets out where they are required; outside that it is a judgement call for the client, not an automatic recommendation.

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