

RCD testing | Sample report

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Sample extract — not a compliance certificate. Prepared for the published project case study from the supplied service and detailed test reports.

Project reporting summary

The service report records **633 RCD test items: 624 passed and nine failed**. A separate emergency-stop check records **15 of 15 passed**. The failed-circuit register records nine open items requiring rectification; subsequent repair and retest completion is not established by these documents.

One circuit: recorded RCD measurements

Distribution board: A Block – DB2 – AR0006 / 27

Circuit: C_1 / 1 **Recorded residual-current rating:** 30 mA

Source: Detailed RCD Test Results, report no. 00000036, page 2; report test-date field: 29 August 2026.

Recorded test	0° result	180° result
$\frac{1}{2} \times$ rated residual current	>310 ms	>310 ms
1 $\times$ rated residual current	28.4 ms	18.6 ms
5 $\times$ rated residual current	8.9 ms	18.4 ms

The “>310 ms” half-current entries indicate no trip within the recorded test window; they are not, by themselves, failed trip-time results. Contact voltage is recorded as 0 V for all six entries. Acceptance must be assessed against the identified device type, test settings and applicable criteria; this extract does not assign a new pass/fail result.

Equipment and traceability

The source report lists **Fluke 1662** (serial 6502115), **Fluke 1663** (6599047) and **Fluke 1664 FC** (6186141). It does not identify which of these instruments produced this individual circuit’s results. Calibration status is not established by this extract.

Using the report for maintenance

A complete maintenance record should link the circuit and RCD identity to the test date, competent tester, instrument, settings, acceptance criteria, measured results, defects, corrective action and retest outcome. Set the next test date from the site’s applicable requirements and risk-based schedule.

Source note: the service report is dated 14 August 2026; the detailed export records 29 August 2026 and a 30 August footer. These dates are retained as separate source fields. The export uses a DIN VDE template; that template is not evidence of Australian compliance.