FILLING IN THE SCHEDULE OF CIRCUIT DETAILS

WHAT'S THE BREAKING CAPACITY IF THE BREAKER SAYS 6000?

One per distribution board. A shed sub-board fed from the house board gets its own, and its “supplied from” is the house board, not the mains.

THE TOP OF THE SHEET: THE BOARD

Board reference and location, what it’s supplied from, the overcurrent device feeding it, the **SPD type** (T1, T2, T3 or N/A), and the RCD details if the board has one protecting everything.

ONE ROW PER CIRCUIT

COLUMN	WHAT GOES IN IT
Circuit number and description	Every way on the board. **Spares get a line drawn through**, so nobody can add to the sheet later
Type of wiring	A code from the key at the bottom of the form (below)
Reference method	From BS 7671 Table 4A2: e.g. C clipped direct, B in conduit or trunking on a wall, 100–103 for twin and earth run through thermal insulation in ceilings or stud walls
Number of points served	The points of utilization on the circuit: sockets, luminaires, outlets
Live and CPC csa	e.g. 2.5 / 1.5 for a ring in twin and earth
Overcurrent device	BS (EN) number, type, rating, and breaking capacity in kA
Maximum permitted Zs	From the BS 7671 tables: B32 is **1.37 Ω**, B6 is **7.28 Ω**
RCD	BS (EN) number, type, IΔn and rating — or N/A if the circuit has none

CODES FOR TYPE OF WIRING

CODE	WIRING
A	Thermoplastic insulated and sheathed cables (twin and earth)
B	Thermoplastic cables in metallic conduit
C	Thermoplastic cables in non-metallic conduit
D	Thermoplastic cables in metallic trunking
E	Thermoplastic cables in non-metallic trunking
F	Thermoplastic SWA
G	Thermosetting SWA
H	Mineral insulated

CODE	WIRING
O	Other — say what

A circuit run in more than one wiring system gets more than one code.

> ✋ **If your max Zs doesn't come from the BS 7671 tables, say so.** You can use the corrected values from Guidance Note 3 or the On-Site Guide, but then you have to **state the source** in the **Remarks** column (column 31) of the schedule of test results. The footnote on the form says so. The simplest approach is to take the tabulated value from BS 7671.

> **Read the device, not the paperwork.**
> The BS (EN) number, type, rating and breaking capacity are printed on the front or side of every breaker and RCD. The breaking capacity is the number in the **rectangle**: 6000 means you write **6**, because the column is already in kA. Check it yourself rather than taking the installer's word, because counterfeit devices exist.

A **Type 3 SPD** fitted to protect sensitive equipment goes in the Remarks column.

Guidance Note 3 · Fig 5.3 · p.149 · an example schedule
BS 7671 · Table 41.3 · max Zs, circuit-breakers
BS 7671 · Appendix 4 · Table 4A2 · reference methods

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