

Maximum measured earth fault loop impedance

Zs reference tables | All values in ohms (Ω)

HISTORICAL VALUES - JANUARY 2010 / BS 7671:2008

Source figures retained. Not a current testing limit sheet; verify against applicable BS 7671 and device manufacturer data.

01 FUSES

Rated	BS 88 (gG)		BS 1361 / 1362		BS 3036	
A	0.4 s	5 s	0.4 s	5 s	0.4 s	5 s
3	-	-	13.12	18.56	-	-
5	-	-	8.35	13.11	7.66	14.16
6	6.81	10.81	-	-	-	-
10	4.08	5.93	-	-	-	-
13	-	-	1.94	3.06	-	-
15	-	-	2.63	4.00	2.04	4.27
16	2.16	3.34	-	-	-	-
20	1.41	2.33	1.36	2.24	1.41	3.06
25	1.15	1.84	-	-	-	-
30	-	-	0.92	1.47	0.87	2.11
32	0.83	1.47	-	-	-	-
40	0.65	1.08	-	-	-	-
45	-	-	0.46	0.76	0.47	1.27
50	0.48	0.83	-	-	-	-
60	-	-	-	0.55	-	0.89
63	0.36	0.65	-	-	-	-
80	0.24	0.46	-	0.39	-	-
100	0.18	0.33	-	0.29	-	0.42
125	0.14	0.26	-	-	-	-

BS 88 Parts 2 and 6 as listed in the source.

READ BEFORE USE

- These historical measured limits already include the source's 80% allowance. Do not apply it a second time.
- “-” means unavailable or unsuitable in the source. Confirm the device standard, curve, rating and required disconnection time.
- Other disconnection times may apply. RCBO figures concern overcurrent operation, not residual-current protection.

Source: NICEIC Pocket Guide 18 (01/10), supplied via DJT Electrical Training. Original layout recreated for Kenza Electrical.

02 CIRCUIT-BREAKERS / RCBO OVERCURRENT

Rated	BS 3871 / BS EN 60898 / BS EN 61009				
A	Type 1	Type 2	Type B	Type 3 / C	Type D
3	-	-	12.26	-	-
5	9.20	5.26	-	3.68	1.84
6	7.66	4.37	6.13	3.06	1.53
10	4.60	2.63	3.68	1.84	0.92
13	-	-	-	-	-
15	3.06	1.75	-	1.22	0.61
16	2.87	1.64	2.30	1.15	0.57
20	2.30	1.31	1.84	0.92	0.46
25	1.84	1.04	1.47	0.73	0.36
30	1.53	0.87	-	0.61	0.30
32	1.44	0.82	1.15	0.57	0.29
40	1.15	0.65	0.92	0.46	0.23
45	1.02	0.58	0.82	0.40	0.20
50	0.92	0.52	0.73	0.36	0.18
60	-	-	-	-	-
63	0.72	0.41	0.58	0.29	0.14
80	0.57	0.32	0.46	0.23	0.11
100	0.46	0.26	0.36	0.18	0.08
125	-	-	0.29	0.14	0.07

Source disconnection-time range: 0.1 s to 5 s.