

Maximum Zs and Maximum measured Zs Values for fuses for 0.4s and 5s disconnection times

Rating of Fuse in Amps		5	6	10	15	16	20	25	30	32	40	45	50	63
BS 1361	Max Zs for 0.4s in ohms	10.45			3.28		1.70		1.15					
	Max measured Zs for 0.4 secs	8.36			2.62		1.36		0.92					
	Max Zs for 5 secs	16.40			5.00		2.80		1.84			0.96		
	Max measured Zs for 5 secs	13.12			4.00		2.24		1.47			0.77		
BS 88	Max Zs for 0.4s in ohms		8.52	5.11		2.70	1.77	1.44		1.04				
	Max measured Zs for 0.4 secs		6.82	4.09		2.16	1.42	1.15		0.83				
	Max Zs for 5 secs		13.50	7.42		4.18	2.91	2.30		1.84	1.35		1.04	0.82
	Max measured Zs for 5 secs		10.80	5.94		3.34	2.33	1.84		1.47	1.08		0.83	0.66
BS 3036	Max Zs for 0.4s in ohms	9.58			2.55		1.77		1.09					
	Max measured Zs for 0.4 secs	7.66			2.04		1.42		0.87					
	Max Zs for 5 secs	17.7			5.35		3.83		2.64			1.59		
	Max measured Zs for 5 secs	14.16			4.28		3.06		2.11			1.27		

Use 0.4 seconds for circuits up to and including 32A & 5 seconds for greater than 32A

Maximum Zs and Maximum measured Zs Values for CB'S for 0.4s and 5s disconnection times

Rating of CB in Amps		3	6	10	16	20	25	32	40	50	63	80	100	125	
Type B	Max Zs for both 0.4s and 5 secs in ohms	15.33	7.67	4.60	2.87	2.30	1.84	1.44	1.15	0.92	0.73	0.57	0.46	0.37	
	Max measured Zs for 0.4 secs and 5 secs	12.26	6.14	3.68	2.30	1.84	1.47	1.15	0.92	0.74	0.58	0.46	0.37	0.30	
Type C	Max Zs for both 0.4s and 5 secs in ohms		3.83	2.30	1.44	1.15	0.92	0.72	0.57	0.46	0.36	0.29	0.23	0.18	
	Max measured Zs for 0.4 secs and 5 secs		3.06	1.84	1.15	0.92	0.74	0.58	0.46	0.37	0.29	0.23	0.18	0.14	
Type D	Max Zs for both 0.4s and 5 secs in ohms		1.92	1.15	0.72	0.57	0.46	0.36	0.29	0.23	0.18	0.14	0.11	0.09	
	Max measured Zs for 0.4 secs and 5 secs		1.54	0.92	0.58	0.46	0.37	0.29	0.23	0.18	0.14	0.11	0.09	0.07	
Rated Residual Operating Current IΔn		Nominal voltage													Max Zs
		50V—120V			121V—230V			231V—400V			> 400V				
30		1667*			1667*			1553*			1667*				
100		500*			500*			460*			500*				
300		167			167			153			167				
500		100			100			92			100				

*Earth Electrode resistances of more than 200Ω may be unstable