

PART 4

Circuit Protection	Disconnection time (s)	Max Z_s (Ω)	Min I_a (A)
6 x 3kW convector heaters, each protected by: 16 A, Type B, MCB.	0.4	2.87	80
4 x 1kW oil filled radiators. Made into 2 CCT's, each protected by: 16 A, Type B, MCB.	0.4	2.87	80
2 x 3kW immersion heaters each protected by: 16 A, Type B, MCB	0.4	2.87	80
1 x 6kW cooker protected by: 32 A, Type B, MCB	0.4	1.44	160
5 x radial socket CCT's, each protected by: 32 A, Type C, MCB	0.4	0.72	320
2 x 1.5kW Lighting CCT's, each protected by: 16 A, Type C, MCB	0.4	1.44	160
1 x 2kW Lighting CCT protected by: 16 A, Type C, MCB	0.4	1.44	160
2 x 3.5kW 3Ph Machines. Each protected by: 10 A, Type C, MCCB	0.4	2.30	100
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