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Important tips for designing of electric wiring /connection and fuses / circuit breakers

Nr.	Power supply for heating element	Nominal current (A)	Type of connector (round)	Section of Cu wire (mm ²)	
1.	4 kW	9 A	5 x 16A	2,5	
2.	6 kW	9 A	5 x 16A	2,5	
3.	9 kW	13,5	5 x 16A	2,5	
4.	10 kW	15 A	5 x 32A	4	
5.	12 kW	18 A	5 x 32A	4	
6.	15 kW	23 A	5 x 32A	6	
7.	16 kW	24 A	5 x 32A	6	
8.	18 kW	27 A	5 x 32A	6	
9.	20 kW	30 A	5 x 32A	10	
10.	24 kW	36 A	/	10	
11.	30 kW	45 A	/	10 (16)	
12.	35 kW	53 A	/	16	
13.	40 kW	60 A	/	25	
14.	45 kW	68 A	/	25	