

**This table helps to identify
main switch size and load wire size as per load(KW).
Below ratings of cable and switch ensure better protection and
safe handling of electrical equipment.
Stranded(flexible) copper load wires are preferable.**

KW RANGE	Amps	Cable size ALU (in sq mm)	Cable size CU (in sq mm)	Switch ratings (in Amps)
0-2	11.9	2.5	1	16
2-5	29.8	4	2.5	32
5-10	15.5	6	4	32
10-15	23.2	10	6	
15-20	30.9	16	10	40
20-25	38.6			63
25-30	46.4	25	25	100
30-35	54.1	35		
35-40	61.8		50	
40-45	69.6	70		
45-50	77.3		95	160
50-55	85.0	120		
55-60	92.7		150	250
60-65	100.5	185		
65-70	108.2		240	300
70-75	115.9	300		
75-80	123.7		300	300
80-85	131.4	300		
85-90	139.1		300	300
90-95	146.9	300		
95-100	154.6		300	300
100-105	162.3	300		
105-110	170.0		300	300
110-115	177.8	300		
115-120	185.5		300	300
120-125	193.2	300		
125-130	201.0		300	300
130-135	208.7	300		
135-140	216.4		300	300
140-145	224.1	300		
145-150	231.9		300	300

This is for reference purpose only.