

Pre fuse and wire size for power factor correction systems.

Power [kVAr]	Rated Current [A]	Pre Fuse [A]	Wire Size [mm2]	N, PE + PEN [mm2]	Power [kVAr]	Rated Current [A]	Pre Fuse [A]	Wire Size [2]	N, PE + PEN [mm2]
2.5	3.6	6	1.5	1.5	108	156	225	120	70
5	7.2	10	2.5	2.5	112.5	162	225	120	70
6.25	9.0	16	2.5	2.5	125	180	250	120	70
6.8	9.8	16	2.5	2.5	137.5	198	300	150	95
10	14.4	25	4	4	150	216	300	150	95
12.5	18.0	35	4	4	162.5	234	350	185	95
13.6	19.6	35	4	4	175	252	350	185	95
18.75	27.0	40	10	10	200	288	400	2x95	95
20.4	29.4	50	16	16	225	324	500	2x120	120
25	36.0	63	16	16	250	360	500	2x120	120
32.2	46.4	80	25	16	275	396	600	2x150	150
34	49.0	80	25	16	300	432	600	2x150	150
37.5	54.0	100	35	16	325	468	700	2x185	185
40.8	58.8	100	35	16	350	504	700	2x185	185
43.75	63.0	100	35	16	375	540	800	3x120	2x95
50	72.0	125	50	25	400	576	800	EN61439-1	EN61439-1
54.4	78.3	125	50	25	425	612	850	EN61439-1	EN61439-1
56.25	81.0	125	50	25	450	648	900	EN61439-1	EN61439-1
62.5	90.0	125	50	25	475	684	1000	EN61439-1	EN61439-1
68	97.9	150	70	35	500	720	1000	EN61439-1	EN61439-1
75	108	150	70	35	550	792	1100	EN61439-1	EN61439-1
81	117	200	95	50	600	864	1200	EN61439-1	EN61439-1
87.5	126	200	95	50	650	936	1300	EN61439-1	EN61439-1
95	137	200	95	50	700	1008	1400	EN61439-1	EN61439-1
100	144	200	95	50	750	1080	1500	EN61439-1	EN61439-1