

AUTOMATIC CAPACITOR BANK, 400 V - 50 Hz

$$U_n = 400V$$

$$f_n = 50 \text{ Hz}$$

TYPE MCA

(e.g.. MCA 300 kvar / 400 V - 50 Hz)

Power kvar	Steps kvar	Current A	Fuse A	Cable Cu-mm ²	Width mm
75	25 + 50	108	160	3 x 95 + 50	600
100	2 x 25 + 50	144	200	2(3 x 50 + 25)	600
100	2 x 50	144	200	2(3 x 50 + 25)	600
125	25 + 2 x 50	180	250	2(3 x 70 + 35)	600
150	3 x 50	217	315	2(3 x 95 + 50)	600
175	25 + 3 x 50	253	400	2(3 x 95 + 50)	600
200	4 x 50	288	400	2(3 x 95 + 50)	600
225	25 + 4 x 50	325	500	2(3 x 120 + 70)	800
250	5 x 50	361	500	2(3 x 120 + 70)	800
275	25 + 5 x 50	397	630	2(3 x 150 + 70)	800
300	6 x 50	433	630	2(3 x 185 + 95)	800
350	7 x 50	288 + 217	400 + 315	4(3 x 95 + 70)	1 600
400	8 x 50	288 + 288	400 + 400	4(3 x 95 + 50)	1 600
450	9 x 50	361 + 288	500 + 400	2(3 x 120 + 70) + 2(3 x 95 + 50)	1 600
500	10 x 50	433 + 288	630 + 400	2(3 x 185 + 95) + 2(3 x 95 + 50)	1 600
550	11 x 50	433 + 361	630 + 500	2(3 x 185 + 95) + 2(3 x 120 + 70)	1 600
600	12 x 50	433 + 433	630 + 630	4(3 x 185 + 95)	1 600

REACTOR BANK (DETUNED), 7 %, 400 V - 50/189 Hz

$$U_n = 400V$$

$$f_n = 50 / 189 \text{ Hz}; 7\%$$

TYPE MCR

(e.g. MCR 300 kvar / 400 V - 50/189 Hz)

Power kvar	Steps kvar	Current A	Fuse A	Cable Cu-mm ²	Width mm
100	2 x 50	168	200	2(3 x 50 + 25)	600
125	25 + 2 x 50	210	250	2(3 x 70 + 35)	600
150	3 x 50	252	315	2(3 x 70 + 35)	600
150	2 x 25 + 2 x 50	252	315	2(3 x 70 + 35)	800
175	25 + 3 x 50	294	400	2(3 x 95 + 50)	800
200	4 x 50	336	400	2(3 x 95 + 50)	800
225	25 + 4 x 50	378	400	2(3 x 95 + 50)	1 000
250	5 x 50	420	500	2(3 x 120 + 70)	1 000
275	25 + 5 x 50	462	500	2(3 x 150 + 70)	1 200
300	6 x 50	504	630	2(3 x 185 + 95)	1 200