

A

Electrical Data

CA7 Contactors

AC-6a		CA7-9	CA7-12	CA7-16	CA7-23	CA7-30	CA7-37	CA7-43	CA7-55	CA7-60	CA7-72	CA7-85	CA7-97
Switching power transformers - 60Hz													
Inrush = n													
n=30	Rated transformer current [A]	10.9	10.9	10.9	10.9	20	20	23	23	40.8	40.8	40.8	48.5
	200 VAC [kVA]	3.8	3.8	3.8	3.8	6.9	6.9	8.0	8.0	14.1	14.1	14.1	16.8
	208 VAC [kVA]	3.9	3.9	3.9	3.9	7.2	7.2	8.3	8.3	14.7	14.7	14.7	17.5
	240 VAC [kVA]	4.5	4.5	4.5	4.5	8.3	8.3	9.6	9.6	17	17	17	20.2
	480 VAC [kVA]	9.1	9.1	9.1	9.1	16.6	16.6	19.1	19.1	33.9	33.9	33.9	40.3
	600 VAC [kVA]	11.3	11.3	11.3	11.3	20.8	20.8	23.9	23.9	42.4	42.4	42.4	50.4
n=20	660 VAC [kVA]	12.5	12.5	12.5	12.5	22.9	22.9	26.3	26.3	46.6	46.6	46.6	55.4
	[A]	16.3	16.3	16.3	16.3	30	30	34.5	34.5	61.3	61.3	61.3	72.8
	200 VAC [kVA]	5.6	5.6	5.6	5.6	10.4	10.4	12	12	21.2	21.2	21.2	25.2
	208 VAC [kVA]	5.9	5.9	5.9	5.9	10.8	10.8	12.4	12.4	22.1	22.1	22.1	26.2
	240 VAC [kVA]	6.8	6.8	6.8	6.8	12.5	12.5	14.3	14.3	25.5	25.5	25.5	30.3
	480 VAC [kVA]	13.6	13.6	13.6	13.6	24.9	24.9	28.7	28.7	51	51	51	60.5
n=15	600 VAC [kVA]	16.9	16.9	16.9	16.9	31.2	31.2	35.9	35.9	63.7	63.7	63.7	75.7
	660 VAC [kVA]	18.6	18.6	18.6	18.6	34.3	34.3	39.4	39.4	70.1	70.1	70.1	83.2
	[A]	22	22	22	22	40	40	46	46	82	82	82	97
	200 VAC [kVA]	7.5	7.5	7.5	7.5	13.9	13.9	15.9	15.9	28.4	28.4	28.4	33.6
	208 VAC [kVA]	7.8	7.8	7.8	7.8	14.4	14.4	16.6	16.6	29.5	29.5	29.5	34.9
	240 VAC [kVA]	9	9	9	9	16.6	16.6	19.1	19.1	34.1	34.1	34.1	40.3
AC-6b													
Capacitor Switching - 50Hz													
Single Capacitor - 40°C													
	230 VAC [kVar]	8	8	8.5	9	14	14	24	24	28	28	28	28
	240 VAC [kVar]	8	8	8.5	9	14	14	25	25	29	29	29	29
	400 VAC [kVar]	8	8	10	12.5	20	24	35	35	48	48	48	48
	415 VAC [kVar]	8	8	10	12.5	20	25	35	35	50	50	50	50
	500 VAC [kVar]	8	8	10	12.5	20	25	35	35	50	55	60	60
	690 VAC [kVar]	8	8	10	12.5	20	25	35	35	50	55	60	60
Single Capacitor - 60°C													
	230 VAC [kVar]	8	8	8.5	9	12.5	12.5	18	18	28	28	28	28
	240 VAC [kVar]	8	8	8.5	9	12.5	12.5	18	18	29	29	29	29
	400 VAC [kVar]	8	8	10	12.5	20	21.5	30	30	42	48	48	48
	415 VAC [kVar]	8	8	10	12.5	20	22	30	30	42	50	50	50
	500 VAC [kVar]	8	8	10	12.5	20	25	30	30	42	50	55	55
	690 VAC [kVar]	8	8	10	12.5	20	25	30	30	42	50	55	55
Capacitor Bank - 40°C													
	230 VAC [kVar]	5	5	8	9	12.5	14	20	20	28	28	28	28
	240 VAC [kVar]	5	5	8	9	12.5	14	20	20	29	29	29	29
	400 VAC [kVar]	5	5	8	10	15	20	25	25	40	48	48	48
	415 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
	500 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
	690 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
Capacitor Bank - 60°C													
	230 VAC [kVar]	5	5	8	9	12.5	12.5	18	18	28	28	28	28
	240 VAC [kVar]	5	5	8	9	12.5	12.5	18	18	29	29	29	29
	400 VAC [kVar]	5	5	8	10	15	20	25	25	40	48	48	48
	415 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
	500 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
	690 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
Capacitor Switching - 60Hz													
Single Capacitor - 40°C													
	200 VAC [kVar]	5	5	8	9	12.5	14	20	20	28	28	28	28
	230 VAC [kVar]	5	5	8	9	12.5	14	20	20	29	29	29	29
	460 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
	600 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	60	60
Capacitor Bank - 40°C													
	200 VAC [kVar]	5	5	8	9	12.5	12.5	18	18	28	28	28	28
	230 VAC [kVar]	5	5	8	9	12.5	12.5	18	18	29	29	29	29
	460 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50
	600 VAC [kVar]	5	5	8	10	15	20	25	25	40	50	50	50

● Inductance of leads between capacitors in parallel: min. 6 µH (CA7-9...CA7-30 = L min. 30 µH)