

**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	
<b>Switching power transformers - 60Hz</b>														
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	480 VAC [kVA]	18.1	18.1	18.1	18.1	33.3	33.3	38.2	38.2	68.2	68.2	68.2	80.6	
	600 VAC [kVA]	22.6	22.6	22.6	22.6	41.6	41.6	47.8	47.8	85.2	85.2	85.2	100.8	
	660 VAC [kVA]	24.9	24.9	24.9	24.9	45.7	45.7	52.6	52.6	93.7	93.7	93.7	110.9	
	<b>Capacitor Switching - 50Hz</b>													
	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		
<b>Capacitor Switching - 60Hz</b>														
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)