

**Contactors (Relay) Coil Data**

Device	Coil Consumption		Coil Consumption				Minimum Recommended Transformer
	DC Watts		AC				
	Inrush	Sealed	Inrush (pick-up)		Sealed (holding)		VA
			VA	Watts	VA	Watts	VA
CA8-9, CA8-12	-	-	35	32	5	1.8	50
CA8-09C, CA8-12C	3.0 cold / 2.6 warm	3.0 cold / 2.6 warm	-	-	-	-	-
CA7-9, CA7-12, CA7-16	-	-	75	50-60	9.5	2.7	50
CA7-9E, CA7-12E, CA7-16E, CA7-23E	10 avg. / 17 peak	1.7	-	-	-	-	-
CA7-23	-	-	105	60-70	12.3	3.1	50
CA7-30, CA7-37, CAL7-30	-	-	105	70	12.3	3.1	50
CA7-30E, CA7-37E	10 avg. / 17 peak	1.7	-	-	-	-	-
CA7-40	-	-	135	90-100	13.3	3.3	75
CA7-43, CA7-55	-	-	135	90-100	13.3	3.3	75
CA7-40E, CA7-43E, CA7-55E	16 avg. / 25 peak	2.5	-	-	-	-	-
CA7-60, CA7-72, CA7-85	-	-	235	110	19	6.5	100
CAL7-60, CA7-90, CA7-97	-	-	400	240	24	9	200
CA7-60D, CA7-72D, CA7-85D, CA7-97D	200	4.5	-	-	-	-	-
CA7-90D	325	5.5	-	-	-	-	-
CA9-116, CA9-146							100
CA9-190, CA9-205							100
CA9-265, CA9-305, CA9-370							100
CA9-400, CA9-460							200
CA9-580, CA9-750							200
CA9-860, CA9-1060							300
CA9-1260							200
CA9-2050, CA9-2650							300

See section A

**Control Circuit Transformer Voltage Specifications**

Factory Modification Code	Factory Wired Connection		Voltage Taps Available	
	Primary	Secondary	Primary	Secondary
XA	208	120	208/230/460	115
XB	240	120	240/480	120
XC	480	120	240/480	120
XD	600	120	575/600	115/120
XE	240	24	240/480	24
XF	480	24	240/480	24
XG	380	110	380/400/415	110/220
XH	Must specify tap	115	208/230/460	115
XJ	600	24	600	12/24
XK	380	24	480/380/277/240/208	24
XL	415	24	480/415/400	24/120
XM	Must specify tap	24/115	208/230/460	24/115
XN	400	24	480/415/400	24/120
XO	208	24	208/230/460	24/115
XP	120	24	120/240	24

- ① 50Hz, 60Hz or 50/60Hz except CA7 which is 60Hz.
- ② For AC coils.
- ③ The "VA" values shown are the minimum requirement to energize one contactor. For multiple contactors and/or additional control circuit devices (burden) refer to control circuit transformer manufacturer's selection criteria.
- ④ Modification codes in Gray are Special Order. Contact a Sprecher + Schuh representative.

Starters & Enclosed Products