

**Coil Data**  
**Per pole ratings on standard coils**

Catalog Number	Voltage	Resistance (D.C. Ohms)	Current (Milliamperes)	Volt Amperes (V/A)	Power (Watts)
35NO-24A	24VAC	50	242	5.8	2.9
35NO-120A	120VAC	1250	53	6.4	3.5
35NO-208A	208VAC	3400	30	6.2	3.1
35NO-220A	220VAC	4800	28	6.2	3.8
35NO-277A	277VAC	7900	20	5.5	3.2
35NO-480A	480VAC	20000	12	5.9	3.0
35NO-6D	6VDC	13	462	2.8	2.8
35NO-12D	12VDC	36	333	4.0	4.0
35NO-24D	24VDC	176	136	3.3	3.3
35NO-48D	48VDC	860	56	2.7	2.7
35NO-125D	125VDC	3400	37	4.6	4.6
35NO-250D	250VDC	14800	17	4.2	4.2
35NC-24A	24VAC	36	310	7.4	3.5
35NC-120A	120VAC	860	65	7.8	3.6
35NC-220A	220VAC	3400	31	6.8	3.3
35NC-12D	12VDC	36	333	4.0	4.0
35NC-24D	24VDC	176	136	3.3	3.3
35NC-48D	48VDC	560	86	4.1	4.1
35NC-125D	125VDC	3400	37	4.6	4.6
60NO-24A	24VAC	50	259	6.2	3.4
60NO-120A	120VAC	1250	48	5.8	2.9
60NO-208A	208VAC	3400	30	6.2	3.1
60NO-220A	220VAC	4800	27	5.9	3.5
60NO-277A	277VAC	7900	19	5.3	2.9
60NO-480A	480VAC	20000	12	5.8	2.9
60NO-12D	12VDC	36	333	4.0	4.0
60NO-24D	24VDC	176	136	3.3	3.3
60NO-48D	48VDC	636	75	3.6	3.6
60NO-125D	125VDC	3400	37	4.6	4.6
60NO-240D	250VDC	14800	17	4.3	4.3
60NC-24A	24VAC	36	325	7.8	5.3
60NC-120A	120VAC	860	69	8.3	4.1
60NC-220A	220VAC	3400	34	7.5	3.9
60NC-277A	277VAC	7900	26	7.3	5.5
60NC-12D	12VDC	36	333	4.0	4.0
60NC-24D	24VDC	140	171	4.1	4.1
60NC-48D	48VDC	560	86	4.1	4.1
60NC-125D	125VDC	3400	37	4.6	4.6
100NO-24A	24VAC	16	646	15.5	6.7
100NO-120A	120VAC	380	137	16.4	7.1
100NO-220A	220VAC	1400	73	16.1	7.5
100NO-277A	277VAC	2400	55	15.2	7.3
100NO-480A	480VAC	6300	35	16.8	7.7
100NO-24D	24VDC	65	369	8.9	8.9
100NO-48D	48VDC	350	137	6.6	6.6
100NO-125D	125VDC	2400	52	6.5	6.5
100NC-24A	24VAC	16	515	12.4	4.2
100NC-120A	120VAC	380	110	13.2	4.6
100NC-208A	220VAC	1400	55	11.4	4.2
100NC-240A	240VAC	1685	49	11.8	4.0

100NC-480A	480VAC	6300	27	13.0	4.6
100NC-12D	12VDC	28	433	5.2	5.2
100NC-24D	24VDC	121	198	4.8	4.8
100NC-48D	48VDC	380	126	6.1	6.1
100NC-125D	125VDC	2400	52	6.5	6.5

## Notes:

1. Inrush Current=1.5 times the steady state current. (No inrush on DC coils).
2. Minimum operating voltage 90% of nominal voltage.
3. All A.C. voltages are at 50/60 Hz.
4. For other coil voltages, contact factory.
5. Ratings shown are per pole (Coils are in parallel).

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**Proper Fusing is Required**

1. While MDIs contactors handle high inrush, such as lamp loads, very well, mercury contactors are susceptible to damage by short circuit currents, and should be fused to minimize short circuit fault currents. Fast acting UL class RK-1 and class J fuses and semiconductor I2t fuses more effectively protect relays than other fuses. These are low-peak fuses designed to limit short circuit currents. Regardless, when there is a short circuit, relay operations should be closely monitored afterward because of the possibility of concealed damage that could cause the relays to behave inconsistently.

**RECOMMENDED**

**250VOLT**

KTN-R  
JJN/A3T

**600VOLT**

KTS-R  
JJS  
JKS/A4J  
KTK-R

1. Mercury Displacement relays must mount vertically +/- 10 degrees.
2. Control line can be protected with metal oxide varistors (MOV).  
Use suffix -11.
3. Disconnect power before installing or servicing. Observe all electrical and safety codes and ordinances such as National Electrical Code (NEC) and the Occupational Safety and Health Act (OSHA).