

AC Coil Data

| NEMA Size | Operating Volt Amperes Burden [VA] | | Heat Dissipation [W] | Coil Operating Limits |
|-----------------------|------------------------------------|--------|----------------------|-----------------------|
| | 60 Hz Coils | | | |
| | Inrush | Sealed | | |
| 00 | 70 | 8 | 2.7 | 85...110% |
| 0 | 192 | 29 | 5.9 | |
| 1 & 1P | 192 | 29 | 5.9 | |
| 2 (2...3 poles) | 240 | 29 | 5.9 | |
| 2 (4...5 poles) | 315 | 38 | 5.9 | |
| 3 (2...3 poles) | 660 | 45 | 10 | |
| 3 (4...5 poles) | 840 | 58 | 10 | |
| 4 (2...3 poles) | 1225 | 69 | 14.8 | |
| 4 (4...5 poles) | 1490 | 96 | 14.8 | |
| 5 (Series L) | 1490 | 96 | 19.8 | |
| 6 ⁽¹⁾ | 4860 | 254 | 65.7 | |
| 6 (Interposing relay) | 52.44 | 3.96 | — | |
| 7 ⁽²⁾ | Economized DC Coil | | — | |
| 7 (Interposing relay) | 74.40 | 9.84 | — | |
| 8 ⁽³⁾ | Economized DC Coil | | — | |
| 8 (Interposing relay) | 74.40 | 9.84 | — | |
| 9 ⁽⁴⁾ | Economized DC Coil | | — | |
| 9 (Interposing relay) | 144 | 19.20 | — | |

- (1) This rating is for the size 6 contactor coil only. All starters are shipped with an interposing relay as standard.
- (2) Size 7 starters are shipped with a 250 VA control circuit transformer and an interposing relay with a 120V coil. Voltage is then rectified to DC for the contactor coil.
- (3) Size 8 starters are shipped with a 350 VA control circuit transformer and an interposing relay with a 120V coil. Voltage is then rectified to DC for the contactor coil.
- (4) Size 9 starters are shipped with a 750 VA control circuit transformer and an interposing relay with a 120V coil. Voltage is then rectified to DC for the contactor coil.

Auxiliary Contacts (NEMA A600 and P300) — Bulletin 595, 596

| Maximum AC Contact Rating Per Pole | | | | | | |
|------------------------------------|-----------------------------------|------|-------|------------------------------------|------|-------|
| AC Rating Designation | Maximum Voltage 60 Hz or 50 Hz | [A] | | Continuous Carrying Current [A] | [VA] | |
| | | Make | Break | | Make | Break |
| A600 | 120 | 60 | 6 | 10 | 7200 | 720 |
| | 240 | 30 | 3 | 10 | 7200 | 720 |
| | 480 | 15 | 1.5 | 10 | 7200 | 720 |
| | 600 | 12 | 1.2 | 10 | 7200 | 720 |

| Maximum DC Contact Rating Per Pole (Maximum Continuous Carrying Current is 5 A) | | | |
|---|--|---|---------|
| DC Rating Designation | 125V DC | 250V DC | 600V DC |
| P300 | 0.55 A | 0.55 A (Requires 2 Contacts in Series) | — |
| | 1.1 A (Requires 2 Contacts in Series) | | |