



BALLAST SPECIFICATIONS

70W S62

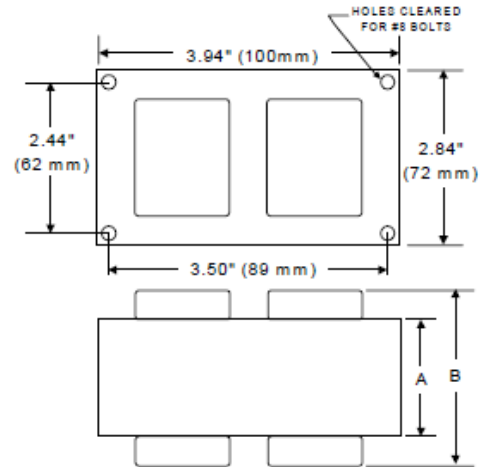
High Pressure Sodium

S70S-4

60 Hz Reactor-NPF

| Input Volts | 120 | 208 | 240 | 277 |
|--------------------------------|------------------|------------------|------------------|------------------|
| Line Current (Amps) | | | | |
| Operating | 0.80 | 0.45 | 0.40 | 0.35 |
| Open Circuit | 1.50 | 0.85 | 0.75 | 0.65 |
| Starting | 0.60 | 0.35 | 0.30 | 0.25 |
| Regulation | | | | |
| Line Volts | ±5% | ±5% | ±5% | ±5% |
| Lamp Watts | ±10% | ±10% | ±10% | ±10% |
| UL Temperature Ratings | | | | |
| Insulation Class | H | H | H | H |
| Coil Temperature Code | A | A | A | A |
| Benchtop Coil Rise | 51.2 | 49.0 | 51.0 | 48.3 |
| Input Watts | 90 W | 90 W | 90 W | 90 W |
| NOM. Open Circuit Voltage | 120 | 120 | 120 | 120 |
| Power Factor | 90% | 90% | 90% | 90% |
| Current Crest Factor | 1.50 | 1.50 | 1.50 | 1.50 |
| Input Voltage At Lamp Dropout | 90 | 160 | 180 | 205 |
| MIN. Ambient Starting Temp. | -40°F / -40°C | -40°F / -40°C | -40°F / -40°C | -40°F / -40°C |
| 60 Hz TEST PROCEDURES | | | | |
| High Potential Test (Volts) | | | | |
| 1 Minute | 2,000 V | 2,000 V | 2,000 V | 2,000 V |
| 1 Second | 2,500 V | 2,500 V | 2,500 V | 2,500 V |
| Open Circuit Voltage Test (V) | 105 – 135 | 105 – 135 | 105 – 135 | 105 – 135 |
| Short Circuit Current Test (A) | | | | |
| Min | 1.80 | 1.80 | 1.80 | 1.80 |
| Secondary Current | | | | |
| Max | 2.20 | 2.20 | 2.20 | 2.20 |
| Min | 0.40 | 0.25 | 0.20 | 0.15 |
| Input Current | | | | |
| Max | 0.70 | 0.40 | 0.35 | 0.30 |
| Recommended Fuse (Amps) | 4 | 3 | 2 | 2 |
| CORE and COIL Specifications | | | | |
| Dimension (A) | 1.50 in | 1.50 in | 1.50 in | 1.50 in |
| Dimension (B) | 2.95 in | 2.95 in | 2.95 in | 2.95 in |
| Weight | 4.6 lbs | 4.6 lbs | 4.6 lbs | 4.6 lbs |
| Lead Lengths | 12" | 12" | 12" | 12" |
| Capacitor Requirement | | | | |
| Microfarads | 7.0 uf | 7.0 uf | 7.0 uf | 7.0 uf |
| Volts (Min) | 280 V | 280 V | 280 V | 280 V |

3X4 CORE – HX, CWA & CWI UNITS

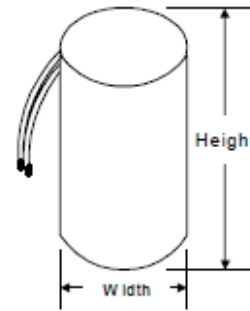


Capacitor: CA300DL

Ignitor: S55V

Temp Rating: 100 °C
Height: 2.72 in
Dia/Oval Dim 1.38 in

Temp: 105 °C
BTL: 5 ft



Plastic Dry Film Capacitor

