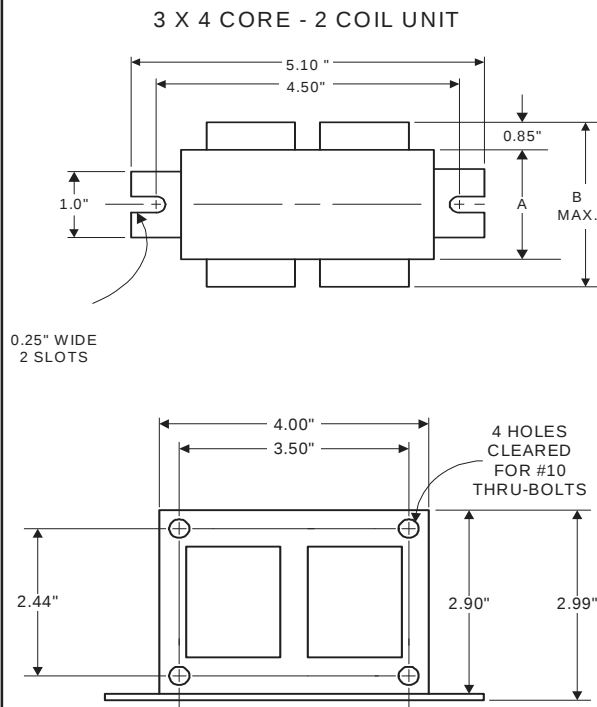




High Pressure Sodium Lamp Ballast

Catalog Number 71A99J7
For 70W SON-T PIA
60 Hz CWA
Status: Active

DIMENSIONS AND DATA

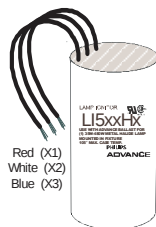


Capacitor: 7C100M30RA



Capacitance: 10
Dia/Oval Dim: 1.65
Height: 2.75
Temp Rating: 105°C

Ignitor: LI501-J4



Ballast to Lamp Distance
(BTL) = 2 feet
Temp Rating: 105°C

INPUT VOLTS		127	220	240		
CIRCUIT TYPE	CWA					
POWER FACTOR (min)	90%					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT (Amps)						
Operating.....		0.70	0.40	0.35		
Open Circuit.....		0.48	0.28	0.15		
Starting.....		0.24	0.14	0.13		
UL TEMPERATURE RATINGS						
Insulation Class	H(180°C)					
Coil Temperature Code	1029					
MIN. AMBIENT STARTING TEMP.	-20°F or -30°C					
NOM. OPEN CIRCUIT VOLTAGE	190					
INPUT VOLTAGE AT LAMP DROPOUT.....		87	156	168		
INPUT WATTS	86					
RECOMMENDED FUSE (Amps).....		2	1	1		
CORE and COIL						
Dimension (A)	2.40					
Dimension (B)	3.85					
Weight (lbs.)	8					
Lead Lengths	12"					
CAPACITOR REQUIREMENT						
Microfarads	10.0					
Volts (min.)	300					
Fault Current Withstand (amps)						
60 Hz TEST PROCEDURES (Refer to Advance Test Procedure for HID Ballasts - Form 1270)						
High Potential Test (Volts)						
1 minute	2000					
2 seconds	2500					
Open Circuit Voltage Test (Volts)	180-200					
Short-Circuit Current Test (Amps)						
Secondary Current	1.15-1.45					
Input Current.....		0.19-0.30	0.11-0.18	0.10-0.17	-	-

Wiring Diagram:

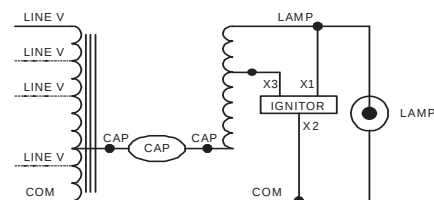


Fig. M

Ordering Information

Order Suffix

Description

Data is based upon tests performed by Advance Transformer in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.

ADVANCE TRANSFORMER CO.

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11/08/12