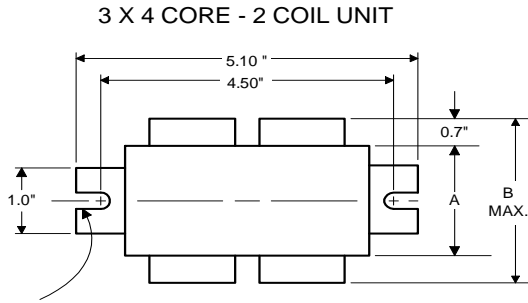




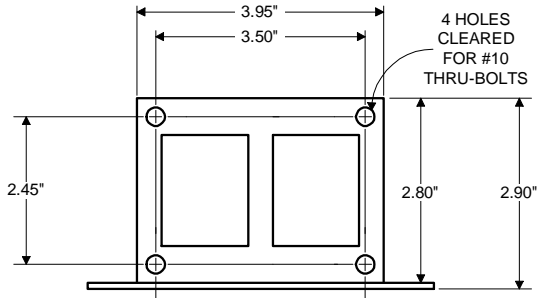
Metal  
Halide  
Lamp Ballast

Catalog Number 71A5383  
For 100W M90/M140  
60 Hz CWA  
Status: Active

**DIMENSIONS AND DATA**



0.25" WIDE  
2 SLOTS



INPUT VOLTS	120	277			
CIRCUIT TYPE	CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±8%				
LINE CURRENT (Amps)					
Operating.....	1.10	0.50			
Open Circuit.....	1.05	0.45			
Starting.....	0.80	0.35			
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	222				
INPUT VOLTAGE AT LAMP DROPOUT.....	60	140			
INPUT WATTS	128				
RECOMMENDED FUSE (Amps).....	3	2			
CORE and COIL					
Dimension (A)	1.60				
Dimension (B)	2.80				
Weight (lbs.)	5.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	10.0				
Volts (min.)	330				
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)	200-245				
Short-Circuit Current Test (Amps)					
Secondary Current	1.30-1.60				
Input Current.....	0.40-0.65	0.25-0.45	-	-	-

Capacitor: 7C100M40-R



Capacitance: 10  
Dia/Oval Dim: 1.45  
Height: 3.75  
Temp Rating: 105°C



Wiring Diagram:

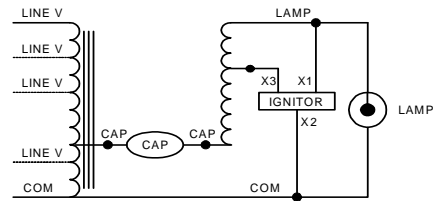


Fig. M

Ordering Information

Order Suffix	Description

Ignitor: LI533-H4



Red (X1)  
White (X2)  
Blue (X3)

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

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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07/31/09