

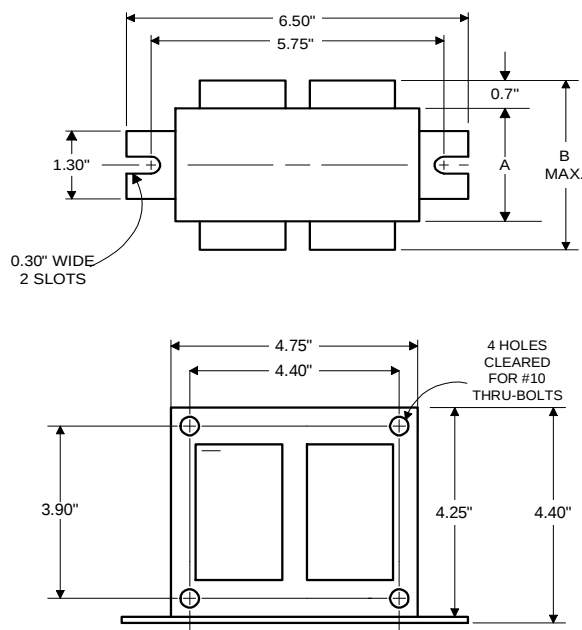


Metal Halide Lamp Ballast

Catalog Number 71A5792XEE
For 250W M138/M153 (P.S.)
60 Hz SUPER-CWA
Status: Active

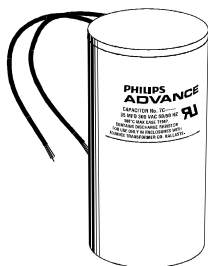
DIMENSIONS AND DATA

4 1/4 X 4 3/4 CORE - 2 COIL UNIT



INPUT VOLTS		120	208	240	277
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....		2.52	1.44	1.26	1.10
Open Circuit.....		1.45	0.81	0.74	0.63
Starting.....		1.74	1.00	0.88	0.77
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	275				
INPUT VOLTAGE AT LAMP DROPOUT.....		60	104	120	138
INPUT WATTS	277				
RECOMMENDED FUSE (Amps).....		8	5	5	3
CORE and COIL					
Dimension (A)	2.15				
Dimension (B)	4.05				
Weight (lbs.)	14				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	17.0				
Volts (min.)	350				
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)	254-308				
Short-Circuit Current Test (Amps)					
Secondary Current	2.42-2.96				
Input Current.....		1.55-2.32	0.88-1.33	0.76-1.15	0.67-1.00

Capacitor: 7C170P40



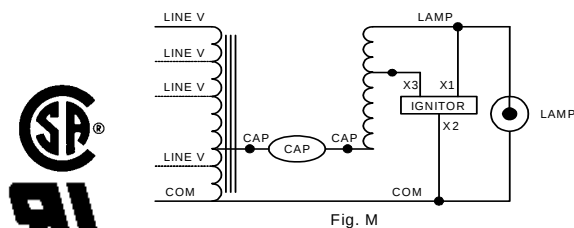
Capacitance: 17
Dia/Oval Dim: 1.75
Height: 3.75
Temp Rating: 105°C

Ignitor: LI533-H4



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

Wiring Diagram:



Ordering Information

Order Suffix	Description
XEE	90% EFFICIENCY COMPLIANT

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.

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