

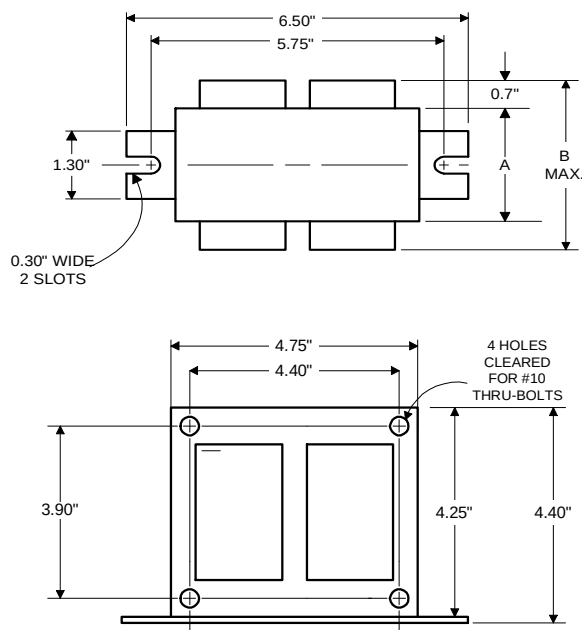
PHILIPS ADVANCE

Metal
Halide
Lamp Ballast

Catalog Number 71A5792A
For 250W M138/M153 (P.S.)
60 Hz SUPER-CWA
Status: Active

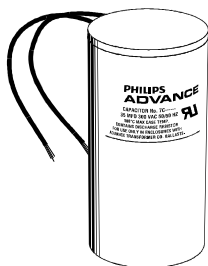
DIMENSIONS AND DATA

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



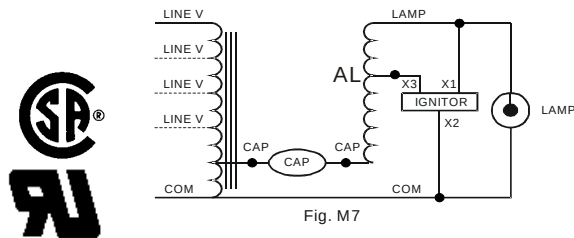
INPUT VOLTS		120	208	240	277
CIRCUIT TYPE	SUPER-CWA				
POWER FACTOR (min)	90%				
REGULATION					
Line Volts	±10%				
Lamp Watts	±10%				
LINE CURRENT (Amps)					
Operating.....		2.50	1.45	1.25	1.10
Open Circuit.....		1.40	0.80	0.70	0.65
Starting.....		1.90	1.10	0.96	0.85
UL TEMPERATURE RATINGS					
Insulation Class	H(180°C)				
Coil Temperature Code	1029				
MIN. AMBIENT STARTING TEMP.	-30°F or -35°C				
NOM. OPEN CIRCUIT VOLTAGE	275				
INPUT VOLTAGE AT LAMP DROPOUT.....		60	104	120	138
INPUT WATTS	291				
RECOMMENDED FUSE (Amps).....		8	5	5	3
CORE and COIL					
Dimension (A)	1.50				
Dimension (B)	3.10				
Weight (lbs.)	9.5				
Lead Lengths	12"				
CAPACITOR REQUIREMENT					
Microfarads	17.0				
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	1500				
2 seconds	2500				
Open Circuit Voltage Test (Volts)	250-300				
Short-Circuit Current Test (Amps)					
Secondary Current	2.38-2.90				
Input Current.....		1.58-2.40	0.90-1.35	0.80-1.20	0.68-1.05

Capacitor: 7C170P40



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

Wiring Diagram:



Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 5 feet
Temp Rating: 105°C

Ordering Information

Order Suffix

Description

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

Philips Lighting Electronic N.A.

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