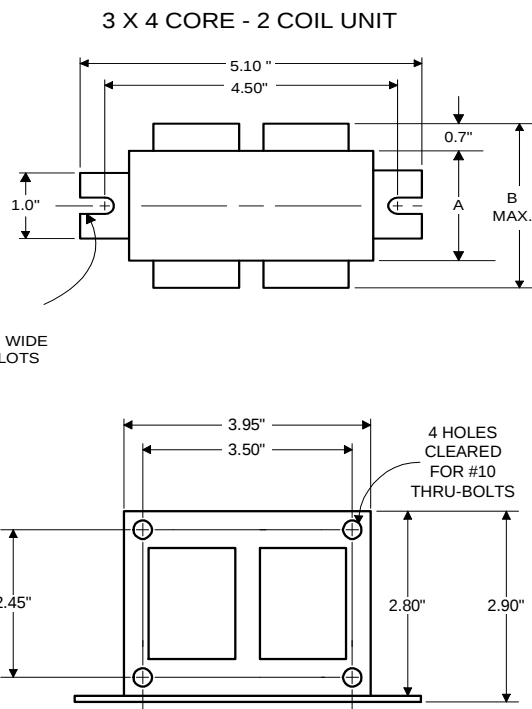


PHILIPS ADVANCE

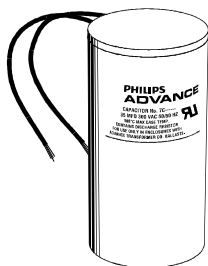
Metal
Halide
Lamp Ballast

Catalog Number 71A52N2
For 70W M98
50 Hz HX-HPF
Status: Active

DIMENSIONS AND DATA



Capacitor: 7C140M30RA



Capacitance: 14
Dia/Oval Dim: 1.65
Height: 2.75
Temp Rating: 105°C

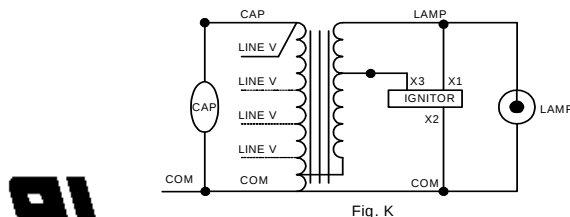
Ignitor: LI533-H4



Ballast to Lamp Distance
(BTL) = 15 feet
Temp Rating: 105°C

		120	220	240		
INPUT VOLTS						
CIRCUIT TYPE		HX-HPF				
POWER FACTOR (min)		90%				
REGULATION						
Line Volts		±5%				
Lamp Watts		±10%				
LINE CURRENT (Amps)						
Operating.....		0.85	0.45	0.43		
Open Circuit.....		1.75	0.95	0.90		
Starting.....		1.10	0.65	0.55		
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		256				
INPUT VOLTAGE AT LAMP DROPOUT.....		85	155	170		
INPUT WATTS		95				
RECOMMENDED FUSE (Amps).....		5	3	3		
CORE and COIL						
Dimension (A)		1.45				
Dimension (B)		2.80				
Weight (lbs.)		5				
Lead Lengths		12"				
CAPACITOR REQUIREMENT						
Microfarads		14.0				
Volts (min.)		280				
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)		230-285				
Short-Circuit Current Test (Amps)						
Secondary Current		0.70-0.90				
Input Current.....		0.50-0.80	0.30-0.45	0.25-0.40	-	-

Wiring Diagram:



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.

10275 West Higgins Road · Rosemont, IL 60018 · Tel:800-322-2086 Fax:888-432-1882
Customer Support/ Technical Service:800-372-3331 · OEM Support: 866-915-5886

07/31/09