

Plusrite®

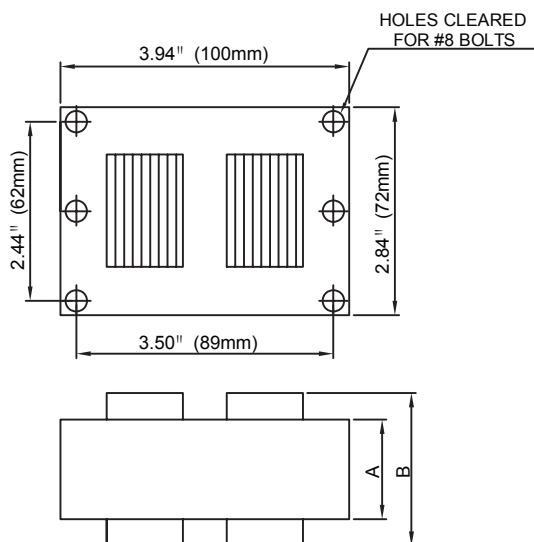
CATALOG NUMBER: BAPS100-HX/V120

100W M90

Pulse Start Metal Halide Lamp Ballast

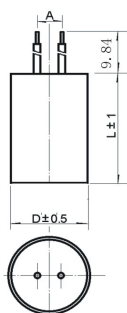
60 Hz HX-HPF

3X4 CORE.WMF



Capacitor:

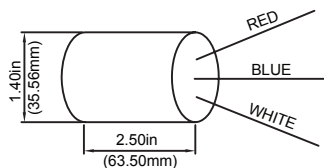
Microfarads: 30.0 uf
Volts (Min): 280 V
Case Temp(Max): 100°C
D: 1.77 in
L: 3.66 in
A: 0.71 in



Dry Type Capacitor with Leads

Ignitor:

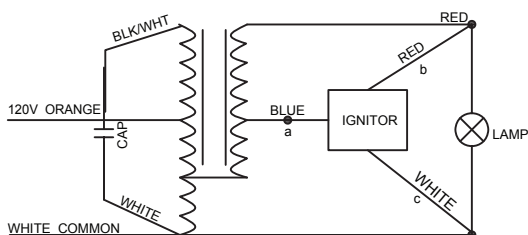
Case Temp (Max): 105 °C
BTL Distance (Max): 2 ft



Input Volts	120	
Circuit Type	HX-HPF	
REGULATION		
Line Volts	±5%	
Lamp Watts	±10%	
LINE CURRENT(Amps)		
Operating	1.10	
Open Circuit	2.60	
Starting	1.00	
RECOMMENDED FUSE (Amps)	7	
TEMPERATURE RATINGS		
Insulation Class	180 (H)	
Coil Temperature Code	C	
Benchtop Coil Rise	70.1	
Power Factor (Min)	90%	
Input Watts	125 W	
Efficiency		
NOM. OPEN CIRCUIT VOLTAGE	270	
INPUT VOLTAGE AT LAMP DROPOUT	80	
MIN AMBIENT STARTING TEMP	-20°F/-30°C	
60 HZ TEST PROCEDURES		
High Potential Test (Volts)		
1 Minute	1,600 V	
1 Second	1,900 V	
Open Circuit Voltage Test (V)	240 - 300	
Short Circuit Current Test (A)		
Secondary Current	Min 1.20	
	Max 1.50	
Input Current	Min 0.40	
	Max 0.75	
CORE and COIL Specifications		
Dimension A (in)	1.65	
Dimension B (in)	2.76	
Weight (lbs)	5.2	
Lead Lengths (in)	12	
CAPACITOR REQUIREMENT		
Microfarads	30 uf	
Volts (Min)	280 V	

Wiring Diagram:

c **AL** [®] **us** RoHS



ORDERING INFORMATION

The ballast comes with a kit including capacitor, ignitor and bracket.

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

Coil material: Al/Al