

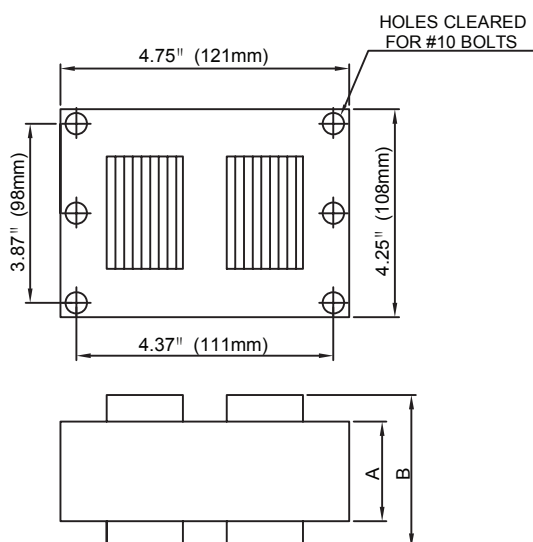
Plusrite®

CATALOG NUMBER: BAPS250-CWA/V3

250W M138/M153

Pulse Start Metal Halide Lamp Ballast
60 Hz CWA

4X4 CORE.WMF



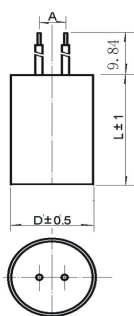
Input Volts	120	277	347
Circuit Type	CWA		
REGULATION			
Line Volts	±10%		
Lamp Watts	±9%		
LINE CURRENT(Amps)			
Operating	2.50	1.10	0.86
Open Circuit	2.25	1.00	0.91
Starting	1.65	0.75	0.64
RECOMMENDED FUSE (Amps)	7	4	4
TEMPERATURE RATINGS			
Insulation Class	180 (H)		
Coil Temperature Code	A	B	B
Benchtop Coil Rise	63.7	65.4	65.4
Power Factor (Min)	90%		
Input Watts	288W		
Efficiency	88%		
NOM. OPEN CIRCUIT VOLTAGE	291		
INPUT VOLTAGE AT LAMP DROPOUT	85	198	243
MIN AMBIENT STARTING TEMP	-20°F/-30°C		

Capacitor:

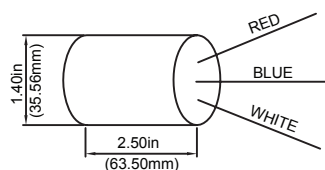
Microfarads: 16.0 uf
Volts (Min): 370 V
Case Temp(Max): 100°C
D: 1.65 in
L: 3.15 in
A: 0.63 in

Ignitor:

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



Dry Type Capacitor with Leads



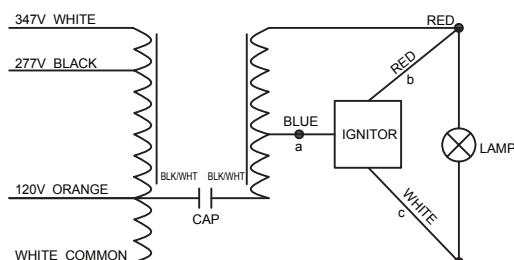
60 HZ TEST PROCEDURES			
High Potential Test (Volts)			
1 Minute	1,600 V		
1 Second	1,900 V		
Open Circuit Voltage Test (V)	250 - 300		
Short Circuit Current Test (A)			
Secondary Current	Min 2.30 Max 2.85		
Input Current	Min 1.35 Max 2.05	0.60 0.90	0.47 0.71

CORE and COIL Specifications			
Dimension A (in)	2.00		
Dimension B (in)	4.15		
Weight (lbs)	11.0		
Lead Lengths (in)	12		

CAPACITOR REQUIREMENT			
Microfarads	16.0uf		
Volts (Min)	370 V		

Wiring Diagram:

Plus RoHS (E)



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: Cu/Al