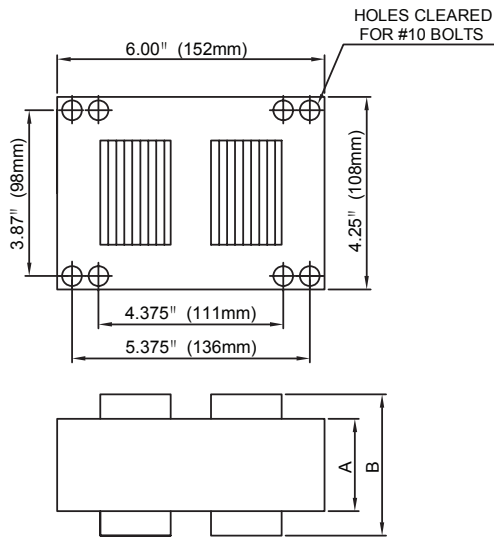




CATALOG NUMBER: BAPS750-CWA/V5
750W M149
Pulse Start Metal Halide Lamp Ballast
60 Hz CWA

4X6 CORE.WMF



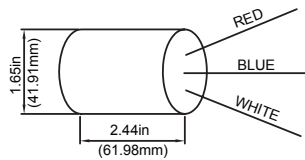
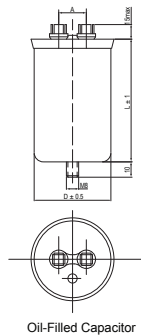
Input Volts		120	208	240	277	480
Circuit Type	CWA					
REGULATION						
Line Volts	±10%					
Lamp Watts	±10%					
LINE CURRENT(Amps)						
Operating		6.80	4.00	3.40	3.00	1.80
Open Circuit		4.60	2.60	2.30	2.00	0.80
Starting		4.80	2.80	2.40	2.10	1.65
RECOMMENDED FUSE (Amps)		17	10	9	8	8
TEMPERATURE RATINGS						
Insulation Class	180 (H)					
Coil Temperature Code		B	C	B	B	C
Benchtop Coil Rise		75.9	81.6	75.9	78.2	78.2
Power Factor (Min)	90%					
Input Watts	815 W					
Efficiency						
NOM. OPEN CIRCUIT VOLTAGE	370					
INPUT VOLTAGE AT LAMP DROPOUT		60	105	120	140	240
MIN AMBIENT STARTING TEMP	-20°F/-30°C					
60 HZ TEST PROCEDURES						
High Potential Test (Volts)						
1 Minute	2,000 V					
1 Second	2,500 V					
Open Circuit Voltage Test (V)	335 - 405					
Short Circuit Current Test (A)						
Secondary Current						
Min	4.30					
Max	5.30					
Input Current						
Min		3.70	2.00	1.85	1.60	1.25
Max		5.50	3.10	2.75	2.40	1.90
CORE and COIL Specifications						
Dimension A (in)	2.83					
Dimension B (in)	4.41					
Weight (lbs)	18.0					
Lead Lengths (in)	12					
CAPACITOR REQUIREMENT						
Microfarads	24.0uf					
Volts (Min)	480 V					

Capacitor:

Microfarads: 24.0 uf
 Volts (Max): 480 V
 Case Temp(Max): 100°C
 D: 1.97 in
 L: 3.94 in
 A: 0.79 in

Ignitor:

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



60 HZ TEST PROCEDURES

High Potential Test (Volts)

1 Minute 2,000 V
 1 Second 2,500 V

Open Circuit Voltage Test (V) 335 - 405

Short Circuit Current Test (A)

Secondary Current Min 4.30
 Max 5.30

Input Current Min 3.70 2.00 1.85 1.60 1.25
 Max 5.50 3.10 2.75 2.40 1.90

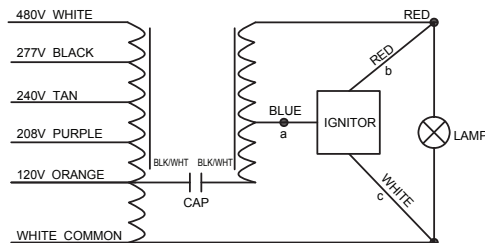
CORE and COIL Specifications

Dimension A (in) 2.83
 Dimension B (in) 4.41
 Weight (lbs) 18.0
 Lead Lengths (in) 12

CAPACITOR REQUIREMENT

Microfarads 24.0uf
 Volts (Min) 480 V

Wiring Diagram:



ORDERING INFORMATION

The ballast is prewired 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