

P250ML5AC4M

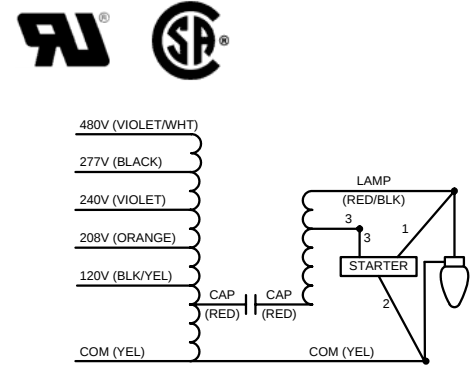
250W M153 / M138

Pulse Start Metal Halide

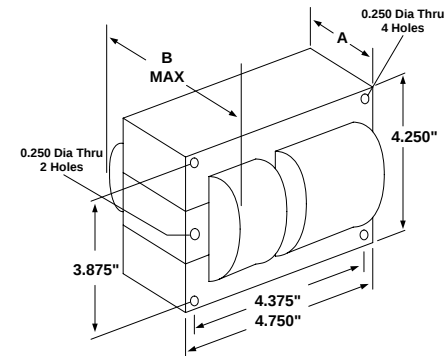
60Hz CWA

Specification Sheet

Input Volts	120	208	240	277	480
Regulation					
Line Volts	±10%	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%	±10%
Power Factor (min)	90%	90%	90%	90%	90%
Input Watts	285 W	285 W	285 W	285 W	285 W
NOM. Open Circuit Voltage	290 V	290 V	290 V	290 V	290 V
Line Current (Amps)					
Operating	2.40	1.38	1.20	1.00	0.60
Open Circuit	2.45	1.42	1.22	1.05	0.62
Starting	1.33	0.75	0.64	0.56	0.32
Recommended Fuse (Amps)	8	5	5	3	2
Lamp Dropout Voltage (Line)	70 V	120 V	140 V	160 V	285 V
UL Temperature Ratings					
Insulation Class	H (180°C)	H (180°C)	H (180°C)	H (180°C)	H (180°C)
Temperature Code	A	A	A	A	A
MIN. Starting Temperature	-22°F -30°C	-22°F -30°C	-22°F -30°C	-22°F -30°C	-22°F -30°C
CAPACITOR Specifications					
Microfarads	14 uf	14 uf	14 uf	14 uf	14 uf
Volts (min.)	400 V	400 V	400 V	400 V	400 V
60Hz Test Procedures					
High Potential Test 1 Minute	2000 V	2000 V	2000 V	2000 V	2000 V
High Potential Test 1 Second	2500 V	2500 V	2500 V	2500 V	2500 V
Secondary Open Ckt Voltage (V)	260 - 320	260 - 320	260 - 320	260 - 320	260 - 320
Secondary Current Shorted (A)	2.00 - 2.70	2.00 - 2.70	2.00 - 2.70	2.00 - 2.70	2.00 - 2.70
Input Operating Current (A)	2.18 - 2.66	1.26 - 1.53	1.09 - 1.33	0.91 - 1.11	0.55 - 0.67
Input Open Circuit Current (A)	1.23 - 3.50	0.71 - 2.03	0.61 - 1.74	0.53 - 1.50	0.31 - 0.89
Input Short Circuit Current (A)	1.15 - 1.75	0.66 - 1.00	0.58 - 0.88	0.50 - 0.76	0.26 - 0.45
Core and Coil Specifications					
Dimension A	2.00 in	2.00 in	2.00 in	2.00 in	2.00 in
Dimension B	3.86 in	3.86 in	3.86 in	3.86 in	3.86 in
Weight	11.30 lbs	11.30 lbs	11.30 lbs	11.30 lbs	11.30 lbs
Lead Lengths (inches)	12-14	12-14	12-14	12-14	12-14
Coil Material (Pri. / Sec.):	Cu / Cu	Cu / Cu	Cu / Cu	Cu / Cu	Cu / Cu



Optional 120V Standby Lamp 250 Watts Max.



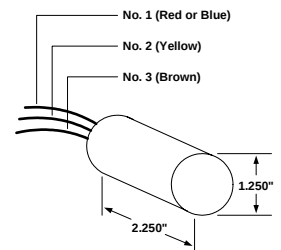
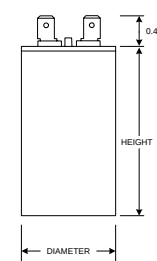
Reference Drawing

Capacitor: R17058561

Max Case Temp: 100 °C
Height: 3.82 in
Width / Diameter: 1.65 in

Ignitor: MH350-1A

Max Case Temp 105 °C
BTL: 10 ft



For alternate capacitor construction consult sales

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

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