



BALLAST SPECIFICATIONS

125W M150

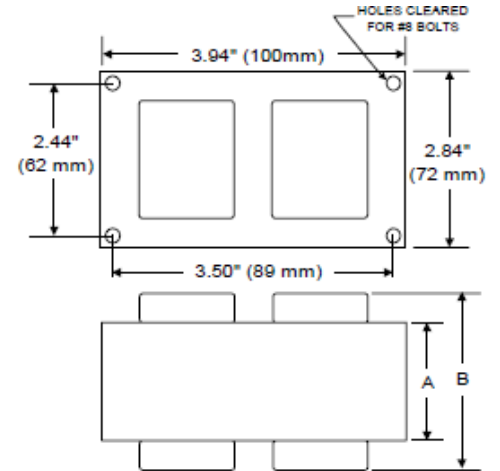
Pulse Start Metal Halide

S125M-4/PS

60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	1.25	0.75	0.65	0.55
Open Circuit	0.80	0.45	0.40	0.35
Starting	0.80	0.45	0.40	0.35
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%
UL Temperature Ratings				
Insulation Class	H	H	H	H
Coil Temperature Code	A	A	A	A
Benchtop Coil Rise	66.5	65.0	62.7	61.9
Input Watts	150W	150W	150W	150W
NOM. Open Circuit Voltage	225	225	225	225
Power Factor	90%	90%	90%	90%
Current Crest Factor	1.60	1.60	1.60	1.60
Input Voltage At Lamp Dropout	80	140	160	185
MIN. Ambient Starting Temp.	-20°F/ -30°C	-20°F/ -30°C	-20°F/ -30°C	-20°F/ -30°C
60 Hz TEST PROCEDURES				
High Potential Test (Volts)				
1 Minute	1,600 V	1,600 V	1,600 V	1,600 V
1 Second	2,000 V	2,000 V	2,000 V	2,000 V
Open Circuit Voltage Test (V)	200 – 250	200 – 250	200 – 250	200 – 250
Short Circuit Current Test (A)				
Min	1.45	1.45	1.45	1.45
Secondary Current				
Max	1.80	1.80	1.80	1.80
Min	0.50	0.30	0.25	0.20
Input Current				
Max	0.85	0.50	0.45	0.35
Recommended Fuse (Amps)	4	3	2	2
CORE and COIL Specifications				
Dimension (A)	1.70 in	1.70 in	1.70 in	1.70 in
Dimension (B)	3.15 in	3.15 in	3.15 in	3.15 in
Weight	5.4 lbs	5.4 lbs	5.4 lbs	5.4 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	12.0 uf	12.0 uf	12.0 uf	12.0 uf
Volts (Min)	280 V	280 V	280 V	280 V

3X4 CORE – HX, CWA & CWI UNITS



Capacitor: CA12280DL

Ignitor: SMH-2

Value: 12.0 uf
Temp Rating: 100 °C
Height: 2.72 in
Dia/Oval Dim: 1.49 in

Temp: 105 °C
BTL: 2 ft

