



BALLAST SPECIFICATIONS

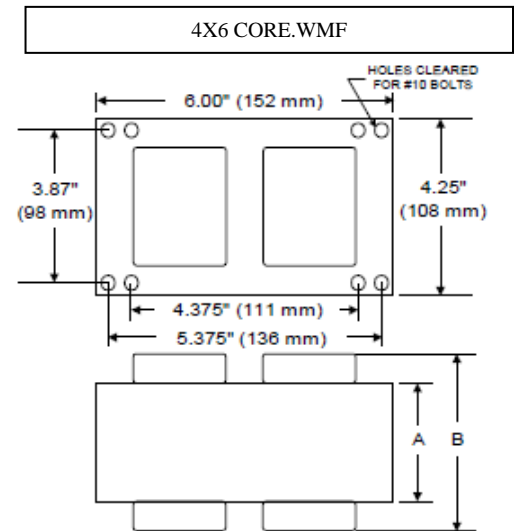
875W M166

Pulse Start Metal Halide

S875M-4

60 Hz CWA

Input Volts	120	208	240	277
Line Current (Amps)				
Operating	8.00	4.50	4.00	3.45
Open Circuit	5.50	3.20	2.75	2.40
Starting	5.50	3.20	2.75	2.40
Recommended Fuse (Amps)	20	12	10	9
Regulation				
Line Volts	±10%	±10%	±10%	±10%
Lamp Watts	±10%	±10%	±10%	±10%
Temperature Ratings				
Insulation Class	180 (H)	180 (H)	180 (H)	180 (H)
Coil Temperature Code	B	A	A	A
Benchtop Coil Rise	78.6	63.1	67.7	67.2
Power Factor (Min)	90%	90%	90%	90%
Input Watts	950W	950W	950W	950W
Efficiency	92%	92%	92%	92%
NOM. Open Circuit Voltage	420	420	420	420
Input Voltage At Lamp Dropout	65	110	130	150
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	1,650 V	1,650 V	1,650 V	1,650 V
1 Second	2,500 V	2,500 V	2,500 V	2,500 V
Open Circuit Voltage Test (V)	380 – 470	380 – 470	380 – 470	380 – 470
Short Circuit Current Test (A)				
Min	4.30	4.30	4.30	4.30
Secondary Current				
Max	5.30	5.30	5.30	5.30
Min	4.30	2.50	2.15	1.85
Input Current				
Max	6.60	3.80	3.30	2.85
CORE and COIL Specifications				
Dimension (A)	2.80 in	2.80 in	2.80 in	2.80 in
Dimension (B)	4.80 in	4.80 in	4.80 in	4.80 in
Weight	21.0 lbs	21.0 lbs	21.0 lbs	21.0 lbs
Lead Lengths	12"	12"	12"	12"
Capacitor Requirement				
Microfarads	22.0 uf	22.0 uf	22.0 uf	22.0 uf
Volts (Min)	460 V	460 V	460 V	460 V



Capacitor: CA22525

Ignitor: BVS-020

Microfarads: 22.0 uf
 Volts (Max): 525 V
 Case Temp (Max): 100 °C
 Height (Max): 3.94 in
 Dia (Max): 1.97 in
 Oval Width (Max): 2.97 in

Case Temp (Max): 105 °C
 BTL Distance (Max): 5 ft

