



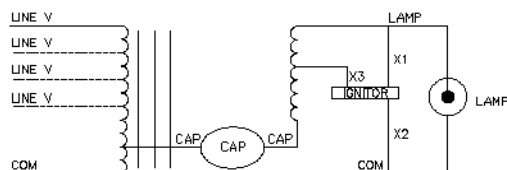
HOWARD INDUSTRIES, INC.
Magnetic Ballast Products Division

Model: **S1000-71C-211**
Standard High Pressure Sodium

1000 Watts S-52
60 Hz CWA

Input Volts		120	208	240	277
Circuit Type	CWA				
Power Factor	0.97				
Regulation					
Line Volts	± 10 %				
Lamp Watts	Within Trapezoid				
Line Current (Amps)					
Operating		9.40	5.2	4.75	4.05
Open Circuit		4.57	2.25	2.31	1.92
Starting		7.04	4.11	3.58	3.02
Recommended Fuse		25	15	10	10
UL Temperature Ratings					
Insulation Class	H (180°C)				
Coil Temperature Code		A	A	C	A
Benchtop Coil Rise Primary		71	73	75	74
Benchtop Coil Rise Secondary		-	-	82	-
Input Watts		1099	1094	1095	1093
NOM Open Circuit Volts	438				
Current Crest Factor	1.66				
Input Voltage at Lamp Dropout		90	156	180	208
Min Ambient Starting Temp.	-40°F -40°C				
High Potential Test (Volts)					
1 Minute	2000				
1 Second	2500				
Open Circuit Voltage Test (Volts)					
Open Circuit Voltage	395 - 485				
Input Current	min	3.40	1.65	1.70	1.40
	max	5.75	2.85	2.90	2.40
Short Circuit Current Test (Amps)					
Secondary Current	6.3 - 7.7				
Input Current	min	5.00	2.95	2.50	2.15
	max	8.40	4.95	4.20	3.70
Core and Coil Specifications					
Dimension A"	3.75				
Dimension B"	5.88				
Weight (lbs.)	26.8				
Lead Lengths (in)	12				
Capacitor Specifications					
Microfarads	26				
Volts (min.)	525				
Oval OIL Filled DRY Film					
Case Size (in.)	1.75 Oval Not Available				
Height (in.)	4.87				
Temp Rating °C	90 (100 max)				
Starter Specifications					
Model Number	ST2002				
BTL	2				
Temp Rating °C	105				

Wiring Diagram



Outside Dimensions Drawing 1080-046460-000

ISO-View of Core Coil 1091-912002-010

Oil Capacitor Can Drawing 1011-007500-003

Dry Capacitor Can Drawing N/A

Starter Case Drawing 1091-912001-001



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Test Ref.: 1069

Specifications subject to change without notice.

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