



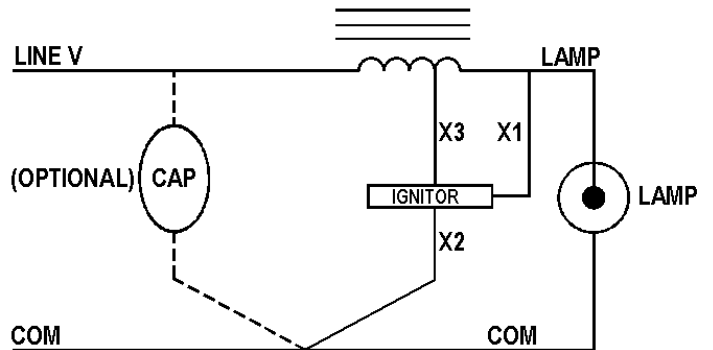
HOWARD INDUSTRIES, INC.
Magnetic Ballast Products Division

Model: S0100-02C-111
HPS Reactor Ballast

100 Watts
S-54
60 Hz Reactor

Input Volts	120 NPF	120 HPF
Circuit Type	Reactor	
Power Factor	>0.9 w/ Cap	
Regulation		
Line Volts	± 5 %	
Lamp Watts	Within Trapezoid	
Line Current (Amps)		
Operating	2.20	1.10
Open Circuit	0	1.65
Starting	3.00	1.50
Recommended Fuse	10	5
UL Temperature Ratings		
Insulation Class	H (180°C)	
Coil Temperature Code	A	A
Benchtop Coil Rise	70	70
Input Watts	115	115
NOM Open Circuit Volts	120	
Current Crest Factor	1.55	
Input Voltage at Lamp Dropout	60	60
Min Ambient Starting Temp.	-40°F -40°C	
High Potential Test (Volts)		
1 Minute	1240	
1 Second	1490	
Open Circuit Voltage Test (Volts)		
Open Circuit Voltage	114 - 126	
Input Current	min	- 1.20
	max	- 2.10
Short Circuit Current Test (Amps)		
Secondary Current	2.30 - 3.60	
Input Current	min	2.30 1.00
	max	3.60 1.70
Core and Coil Specifications		
Dimension A"	1.54"	
Dimension B"	2.60"	
Weight (lbs.)	2.5	
Lead Lengths (in)	12	
Capacitor Specifications		
Microfarads	46.0	
Volts (min.)	120	
	Oval OIL Filled	DRY Film
Case Size (in.)	1.77 x 2.8	1.77
Height (in.)	3.54	4.61
Temp Rating °C	90	100
Starter Specifications		
Model Number	ST2001	
BTL	2	
Temp Rating °C	105	

Wiring Diagram Number 1091-912000-004



Outside Dimensions Drawing TBA
ISO-View of Core Coil TBA

Oil Capacitor Can Drawing 1011-007500-003
Dry Capacitor Can Drawing 1012-007500-001
Starter Case Drawing 1090-912001-001



Rev Date: New 3/29/04

Test Num. Ref.:

Specifications subject to change without notice.

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