



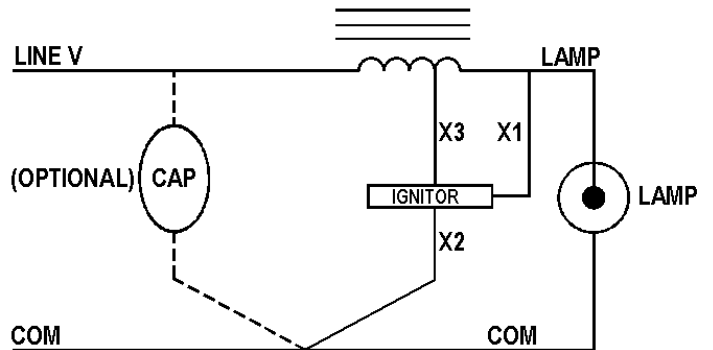
HOWARD INDUSTRIES, INC.  
Magnetic Ballast Products Division

Model: S0070-02C-111  
HPS Reactor Ballast

70 Watts  
S-62  
60 Hz Reactor

<b>Input Volts</b>		120 NPF	120 HPF
<b>Circuit Type</b>	Reactor		
<b>Power Factor</b>	>0.9 w/ Cap		
<b>Regulation</b>			
Line Volts	± 5 %		
Lamp Watts	Within Trapezoid		
<b>Line Current (Amps)</b>			
Operating		1.65	0.70
Open Circuit		0	1.3
Starting		2.25	1.00
Recommended Fuse		8	3
<b>UL Temperature Ratings</b>			
Insulation Class	H (180°C)		
Coil Temperature Code	A	A	A
Benchtop Coil Rise	70	70	70
<b>Input Watts</b>		80	80
<b>NOM Open Circuit Volts</b>	120		
<b>Current Crest Factor</b>	1.55		
<b>Input Voltage at Lamp Dropout</b>		60	60
<b>Min Ambient Starting Temp.</b>	-40°F -40°C		
<b>High Potential Test (Volts)</b>			
1 Minute	1240		
1 Second	1490		
<b>Open Circuit Voltage Test (Volts)</b>			
Open Circuit Voltage	114 - 126		
Input Current	min	-	0.95
	max	-	1.60
<b>Short Circuit Current Test (Amps)</b>			
Secondary Current	1.75 - 2.90		
Input Current	min	1.75	0.80
	max	2.90	1.30
<b>Core and Coil Specifications</b>			
Dimension A"	1.30"		
Dimension B"	2.50"		
Weight (lbs.)	2.1		
Lead Lengths (in)	12		
<b>Capacitor Specifications</b>			
Microfarads	28.0		
Volts (min.)	120		
	<b>Oval OIL Filled</b>	<b>DRY Film</b>	
Case Size (in.)	1.22 x 2.04	1.38	
Height ( in.)	3.94	3.15	
Temp Rating °C	90	100	
<b>Starter Specifications</b>			
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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