



HOWARD INDUSTRIES, INC.
Magnetic Ballast Products Division

Model: S0150-02C-111
HPS Reactor Ballast

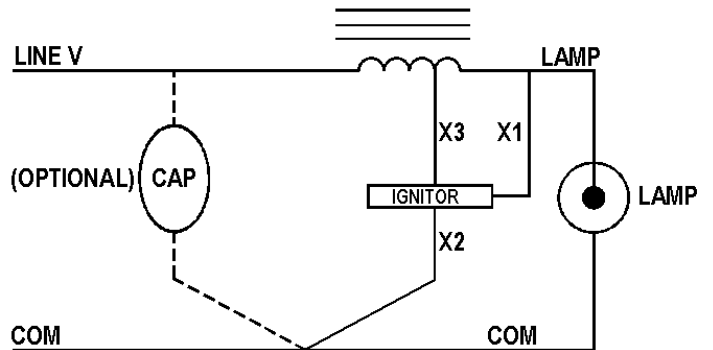
150 Watts
S-55
60 Hz Reactor

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		3.20	1.50
Open Circuit		0	2.50
Starting		4.05	2.05
Recommended Fuse		15	8
UL Temperature Ratings			
Insulation Class	H (180°C)		
Coil Temperature Code	A	A	A
Benchtop Coil Rise	67	67	67
Input Watts		167	167
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	-	1.90
	max	-	3.00
Short Circuit Current Test (Amps)			
Secondary Current	3.65 - 5.55		
Input Current	min	3.65	1.65
	max	5.55	2.75
Core and Coil Specifications			
Dimension A"	2.20"		
Dimension B"	3.50"		
Weight (lbs.)	3.4		
Lead Lengths (in)	12		
Capacitor Specifications			
Microfarads	55.0		
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		

Rev Date: New 3/29/04

Test Num. Ref.:

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



Specifications subject to change without notice.

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