



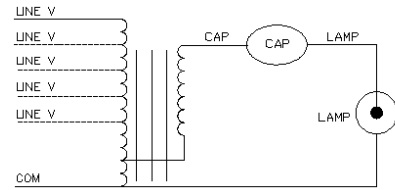
HOWARD INDUSTRIES, INC.
Magnetic Ballast Products Division

Model: **M0250-81C-211**
Standard Metal Halide

250 Watts M58 or H37
60 Hz CWA

Input Volts		120	208	240	277	480
Circuit Type	CWA					
Power Factor	0.93					
Regulation						
Line Volts	± 10 %					
Lamp Watts	- 9 % + 9 %					
Line Current (Amps)						
Operating		2.6	1.5	1.3	1.1	0.7
Open Circuit		1.44	0.96	0.72	0.60	0.38
Starting		2.3	1.36	1.14	1.0	0.6
Recommended Fuse		8	5	4	3	2
UL Temperature Ratings						
Insulation Class	H (180°C)					
Coil Temperature Code		A	A	A	A	B
Benchtop Coil Rise Primary		57	72	70	70	75
Benchtop Coil Rise Secondary		-	-	-	-	72
Input Watts		285	291	290	290	292
NOM Open Circuit Volts	305					
Current Crest Factor	1.66					
Input Voltage at Lamp Dropout		60	104	120	135	240
Min Ambient Starting Temp.	-20°F -30°C					
High Potential Test (Volts)						
1 Minute	2000					
1 Second	2400					
Open Circuit Voltage Test (Volts)						
Open Circuit Voltage	280 - 340					
Input Current	min	1.05	0.70	0.50	0.45	0.25
	max	1.75	1.20	0.90	0.75	0.45
Short Circuit Current Test (Amps)						
Secondary Current	2.25 - 2.75					
Input Current	min	1.75	1.05	0.85	0.75	0.45
	max	2.90	1.70	1.45	1.25	0.70
Core and Coil Specifications						
Dimension A"	1.70					
Dimension B"	3.63					
Weight (lbs.)	10					
Lead Lengths (in)	12					
Capacitor Specifications						
Microfarads	15					
Volts (min.)	400					
	Oval OIL Filled	DRY Film				
Case Size (in.)	1.75	1.8				
Height (in.)	2.9	4.2				
Temp Rating °C	90	100				
Starter Specifications						
Model Number	Not used					
	BTL					
Temp Rating °C						

Wiring Diagram Number
1091-912000-007



Outside Dimensions Drawing
1080-046418-005
ISO-View of Core Coil
1091-912002-002
1091-912002-009
Oil Capacitor Can Drawing
1011-007500-003
Dry Capacitor Can Drawing
1012-007500-001
Starter Case Drawing
None



Rev. Date: 3/12/02

Test Ref.: UL

Specifications subject to change without notice.

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