

APPLICATION and PERFORMANCE SPECIFICATION



MAGNETIC HID BALLASTS
DESCRIPTION: M1000ML5AA5
MH1000W M47
60 Hz CWA

DIMENSIONS AND DATA

		120	208	240	277	480
4¹/₄×6 CORE-2COIL UNIT Capacitor: Capacitance: 24uf/540v Diameter: 2.16" Height: 3.54" Temp Rating: 105°C	INPUT VOLTS					
	CIRCUIT TYPE	CWA				
	POWER FACTOR	90%				
	REGULATION					
	Line Volts	±10%				
	Lamp Watts	±12%				
	LINE CURRENT	(Amps)				
	Operating.....	9.60	5.60	4.80	4.20	2.40
	Open Circuit.....	6.20	3.60	3.10	2.70	1.60
	UL TEMPERATURE RATINGS					
	Insulating Class	N(200°C)				
	Coil Temperature Code	1029	B	C	A	A
	MIN.AMBIENT STARTING TEMP.	-20°F or -30°C				
	NOM. OPEN CIRCUIT VOLTAGE	420				
	INPUT VOLTAGE AT LAMP DROPOUT.....	84	146	168	194	336
6.00" 5.35" 4 HOLES CLEARED FOR #6 THRU-BOLTS 3.86" 4.25"	INPUT WATTS	1100				
	RECOMMENDED FUSE(Amps).....	19	11	10	8	5
	CORE and COIL					
	Dimension(A)	3.50				
	Dimension(B)	5.70				
	Weight(Ibs.)	21.6				
	Lead Lengths	12"				
	CAPACITOR REQUIREMENT					
	Microfarads	24				
	Volts(min.)	540				
	60Hz TEST PROCEDURES					
	1minute	2000				
	2seconds	2500				
	Open Circuit Voltage Test(Volts)	390-440				
	Short-circuit Current Test(Amps)					
	Secondary Current	4.10-6.10				
Wiring Diagram:						
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