**PHILIPS** Lighting



# Core & Coil (71A) MH ~GT~ 450W

## CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

#### **Product data**

General Information						
ANSI Code	M47					
Lamp Type	1000W MH 1 piece/unit CWA Magnetic HID 71A65N2					
Number of Lamps						
Circuit Type						
Ballast Type						
Base Model						
Core Size	4 1/4 x 6 (2 Coil)					
Suitable For Outdoor Use	Yes					
Ignitor Catalog Number	NA NA 26 MFD					
Ignitor Temperature Rating						
Capacitor Value						
Capacitor Catalog Number	MD2602100					
Capacitor Requirements	525V					
Capacitor Temperature Rating	90°C					
Capacitor Diameter/Oval Dimensions	1.75 in					
Capacitor Height	5.3 in					
Automatic Restart	No					

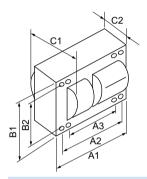
Operating and Electrical	
Input Voltage	120/220/240 V
Input Frequency	50 Hz
Inp. Current (Open Circuit)	4/2.1/2 A
Input Current (Starting)	8.2/4.5/4.1 A
Input Current (Short Circuit)	12-18/6.5-9.8/6-9 V
Secondary Short Circuit Current	7.7-9.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	450 V
Input Current (Operating) (Nom)	9.3/5/4.5 A A
Input Power (Nom)	1090 W
Rated Lamp Watts	1000 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used				
Recommended Fuse Value	24/13/13 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	430-520 V			
Approbation Marks	ULR CSA certificate RoHS Compliant			
Temperature Marking	D/C/C			
UL Recognized	Yes			
Hipot Test (1 Minute)	2000 V			
Hipot Test (2 Seconds)	2500 V			
UL Insulation Class	H(180°C)			
UL Temperature Code	1029D			

Product Data				
Order product name	CORE & COIL HID MH BAL 1000W M47			
	120/220/240V 50HZ C&C			
EAN/UPC - Product	781087058251			
Order code	71A65N2510			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	2			
Material Nr. (12NC)	913710475202			
Net Weight (Piece)	11.168 kg			

#### Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W M47	5 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
120/220/240V 50HZ C&C							



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