



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

CORE & COIL HID MH BAL 1000W M47 QUAD 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				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A6592				
Core Size	4 1/4 x 6 (2 Coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	NA				
Ignitor Temperature Rating	NA				
Capacitor Value	24 MFD				
Capacitor Catalog Number	MD2409000				
Capacitor Requirements	480V				
Capacitor Temperature Rating	90℃				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	3.9 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120/208/240/277 V				
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Input Frequency	60 Hz			
Inp. Current (Open Circuit)	4.5/2.7/2.3/2.2 A			
Input Current (Starting)	7.8/4/3.7/3.2 A			
Input Current (Short Circuit)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.6 V			
Secondary Short Circuit Current	5.2-6.4 A			
Constant Wattage Deviation	10%			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Nominal Open Circuit Voltage	430 V			
Input Current (Operating) (Nom)	9/5.2/4.5/3.9 A A			
Input Power (Nom)	1080 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			
Max Ballast-Lamp Distance Remote	Determined by AWG used			
Wiring				

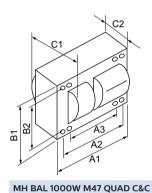
Datasheet, 2019, March 22 data subject to change

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Recommended Fuse Value	20/15/10/10 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	385-475 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	A/A/A/A				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	N(AC200°C)				
UL Temperature Code	1029A				

Product Data					
Order product name	CORE & COIL HID MH BAL 1000W M47 QUAD				
	C&C				
EAN/UPC - Product	781087659250				
Order code	71A6592500				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913700500651				
Net Weight (Piece)	9.041 kg				

Dimensional drawing



Product	C1	C2	A1	A2	А3	B1	B2
CORE & COIL HID MH BAL 1000W	4.5 in	2.57 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M47 QUAD C&C							



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