



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

# CORE & COIL HID MH BAL 1000W M47 220V 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	71A65J0
Core Size	4 1/4 x 4 3/4 (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	220 V

Input Frequency	60 Hz	
Inp. Current (Open Circuit)	2.3 A	
Input Current (Starting)	4.52 A	
Input Current (Short Circuit)	3.64-5.47 V	
Secondary Short Circuit Current	4.9-6.1 A	
Constant Wattage Deviation	10%	
Ballast Factor (Nom)	1	
Power Factor (Nom)	0.90	
Nominal Open Circuit Voltage	415 V	
Input Current (Operating) (Nom)	4.9 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 Wiring Determined by AWG used		
Recommended Fuse Value	12 A	

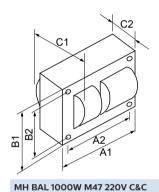
Datasheet, 2019, March 22 data subject to change

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Approval and Application	
Open Circuit Voltage Test (Volts)	370-460 V
Approbation Marks	NOM certificate RoHS Compliant
Temperature Marking	С
UL Recognized	No
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C
Product Data	
Order product name	CORE & COIL HID MH BAL 1000W M47
	220V C&C

EAN/UPC - Product	781087048580
Order code	71A65J0500ML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710598902
Net Weight (Piece)	8.605 kg

## Dimensional drawing



 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID MH BAL 1000W M47
 5.29 in
 3.33 in
 4.8 in
 4.4 in
 4.3 in
 3.9 in

 220V C&C



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