



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

## CORE & COIL HID MH BAL 1000W M47 120/277/347V 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

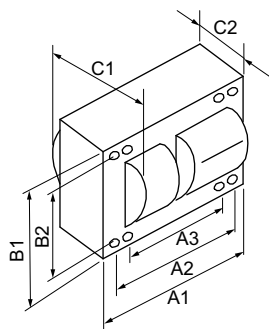
General Information		Operating and Electrical	
ANSI Code	M47	Input Voltage	120/277/347 V
Lamp Type	1000W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	4.5/2.2/1.7 A
Circuit Type	CWA	Input Current (Starting)	7.8/3.2/2.5 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	4.8-7.3/2-3.1/1.6-2.6 V
Base Model	71A65A2	Secondary Short Circuit Current	5.2-6.4 A
Core Size	4 1/4 x 6 (2 Coil)	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	NA	Power Factor (Nom)	0.90
Ignitor Temperature Rating	NA	Open Circuit Voltage	430 V
Capacitor Value	24 MFD	Input Current (Nom)	9/3.9/3.2 A A
Capacitor Catalog Number	MD2409000	Input Power (Nom)	1080 W
Capacitor Requirements	480V	Rated Lamp Power	1000 W
Capacitor Temperature Rating	90°C		
Capacitor Diameter/Oval Dimensions	1.75 in	Wiring	
Capacitor Height	3.9 in	Wire Striplength	0.5 mm
Automatic Restart	No	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	20/10/8 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	385-475 V
Approval 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

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 1000W M47 120/277/347V C&C
EAN/UPC - Product	781087021989
Order code	913700504261
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700504261
Net Weight (Piece)	0.010 kg

### Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A65A2600	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

