



# 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

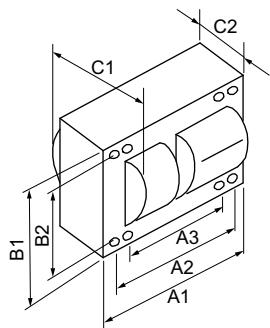
General Information			
ANSI Code	M47	Input Frequency	60 Hz
Lamp Type	1000W MH	Input Current (Open Circuit)	4.5/2.7/2.3/2.2 A
Number of Lamps	1 piece/unit	Input Current (Starting)	7.8/4/3.7/3.2 A
Circuit Type	CWA	Input Current (Short Circuit)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.6 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	5.2-6.4 A
Base Model	71A6592	Constant Wattage Deviation	10%
Core Size	4 1/4 x 6 (2 Coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Open Circuit Voltage	430 V
Ignitor Temperature Rating	NA	Input Current (Nom)	9/5.2/4.5/3.9 A A
Capacitor Value	24 MFD	Input Power (Nom)	1080 W
Capacitor Catalog Number	MD2409000	Rated Lamp Power	1000 W
Capacitor Requirements	480V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	3.9 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote	Determined by AWG used
Input Voltage	120/208/240/277 V	Wiring	

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Recommended Fuse Value	20/15/10/10 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	385-475 V
Approval 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

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 1000W M47 QUAD C&C
EAN/UPC - Product	781087659250
Order code	176404
Local order code	176404
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700500651
Net Weight (Piece)	9.041 kg

### Dimensional drawing



MH BAL 1000W M47 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W M47 QUAD C&C	4.5 in	2.57 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

