



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

## CORE & COIL HID MH BAL 1000W M47 5-TAP 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

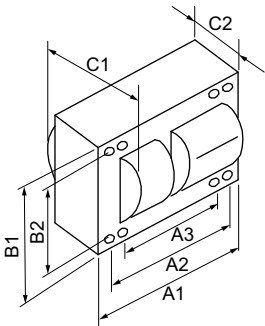
General Information		Operating and Electrical	
ANSI Code	M47	Input Voltage	120/208/240/277/480 V
Lamp Type	1000W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	5.16/4.3/3.09/2.61/1.6 A
Circuit Type	CWA	Input Current (Starting)	6/2.82/3/2.3/1.53 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	4.35-6.52/2.16-3.24/2.04-3.06/1.8-2.71/1-1.51 V
Base Model	71A6552CU	Secondary Short Circuit Current	4.97-6.08 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	426 V
Capacitor Value	24 MFD	Input Current (Nom)	9.05/5.6/4.7/4.07/2.36 A A
Capacitor Catalog Number	MD2409000	Input Power (Nom)	1080 W
Capacitor Requirements	480V	Rated Lamp Power	1000 W
Capacitor Temperature Rating	90°C	Wiring	
Capacitor Diameter/Oval	1.75 in	Wire Striplength	0.5 mm
Dimensions		Wire Length by Color	12"
Capacitor Height	3.9 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration	Yes
		Allowed	

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Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	22/15/12/10/6 A
Approval and Application	
Open Circuit Voltage Test (Volts)	383-468 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/C/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 5-TAP C&C
EAN/UPC - Product	781087045442
Order code	913710586102
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710586102
Net Weight (Piece)	10.283 kg

Dimensional drawing



MH BAL 1000W M47 5-TAP C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6552600	4.7 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

