



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

## CORE & COIL HID 71A6592500

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 V
Lamp Type	1000W MH	Input Frequency	60 Hz
Number Of Lamps	1 piece/unit	Input Current (Open Circuit)	4.5/2.7/2.3/2.2 A
Circuit Type	CWA	Input Current (Starting)	7.8/4/3.7/3.2 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.6 V
Base Model	71A6592	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)	9/5.2/4.5/3.9 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 Dimensions	1.75 in	Wire Striplength	0.5 mm
Capacitor Height	3.9 in	Wire Length By Color	12"
Automatic Restart	No	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	20/15/10/10 A

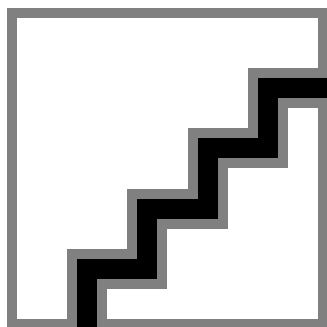
### Approval and Application

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

### Product Data

Order product name	CORE & COIL HID 71A6592500
EAN/UPC - Product	781087659250
Order code	913700500651
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 71A6592500	4.5 in	2.57 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

