



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

## CORE & COIL HID 71A6552001

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	71A6552
Core Size	4 1/4 x 6 (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°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	3.90 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120/208/240/277/480 V

Input Frequency	60 Hz
Input Current (Open Circuit)	4.96/3.84/2.77/2.35/1.37 A
Input Current (Starting)	5.77/2.91/2.78/2.39/1.38 A
Input Current (Short Circuit)	4.36-6.64/2.14-3.2/2.1-3.14/1.82-2.74/1.04-1.56 V
Secondary Short Circuit Current	5.22-6.38 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	430 V
Input Current (Nom)	9.2/5.8/4.8/4.1/2.4 A A
Input Power (Nom)	1080 W
Rated Lamp Power	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	25/15/12/10/6 A

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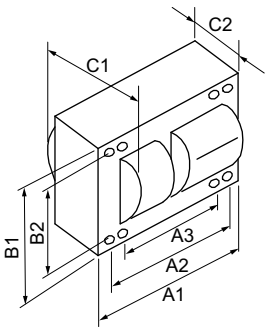
### Approval and Application

Open Circuit Voltage Test (Volts)	387-473 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/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 71A6552001
EAN/UPC - Product	781087111833
Order code	913710401201
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710401201
Net Weight (Piece)	11.762 kg

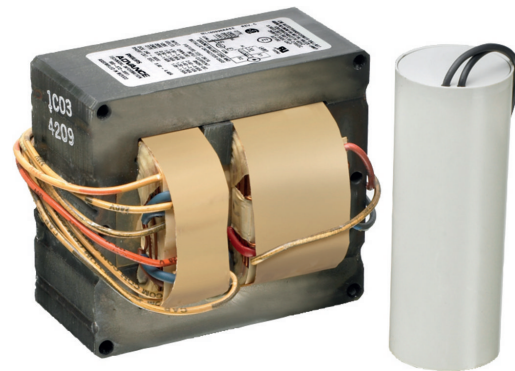
### Dimensional drawing



MH BAL 1000W M47 5-TAP KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6552001	5.6 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in





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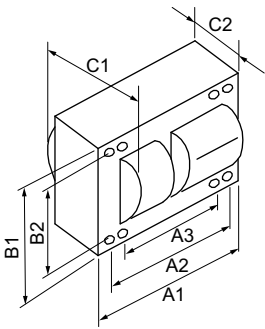
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