



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

## CORE & COIL HID 71A6553001

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	M141
Lamp Type	1000W MH
Number Of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A6553
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI572-H5
Ignitor Temperature Rating	105°C
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	3.9 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277/480 V
Input Frequency	60 Hz
Input Current (Open Circuit)	5.16/4.3/3.09/2.61/1.6 A
Input Current (Starting)	6/2.82/3/2.3/1.53 A
Input Current (Short Circuit)	4.35-6.52/2.16-3.24/2.04-3.06/1.8-2.71/1-1.51 V
Secondary Short Circuit Current	4.97-6.08 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.96
Open Circuit Voltage	426 V
Input Current (Nom)	9.05/5.6/4.7/4.07/2.36 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

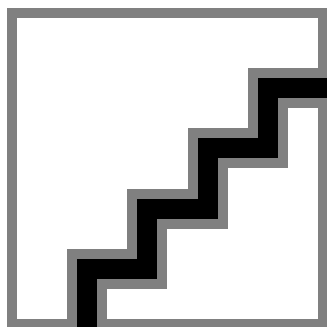
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Max Ballast-Lamp Distance Remote Wiring	5'
Recommended Fuse Value	22/15/12/10/6 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	383-468 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/B/B/B
UL Recognized	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 71A6553001
EAN/UPC - Product	781087091746
Order code	913701121502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913701121502
Net Weight (Piece)	10.873 kg

### Dimensional drawing



MH BAL 1000W M141 5-TAP KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6553001	4.7 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

