

# 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		Electrical	
ANSI Code	M47	Input Frequency	60 Hz
Lamp Type	1000W MH	Input Current (Open Circuit)	4.96/3.84/2.77/2.35/1.37 A
Number of Lamps	1 piece/unit	Input Current (Starting)	5.77/2.91/2.78/2.39/1.38 A
Circuit Type	CWA	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
Ballast Type	Magnetic HID	Secondary Short Circuit Current	5.22-6.38 A
Base Model	71A6552	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)	9.2/5.8/4.8/4.1/2.4 A A
Capacitor Value	24 MFD	Input Power (Nom)	1080 W
Capacitor Catalog Number	MD2409000	Rated Lamp Power	1000 W
Capacitor Requirements	480V	<b>Wiring</b>	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	3.90 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Input Voltage	120/208/240/277/480 V	Recommended Fuse Value	25/15/12/10/6 A

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

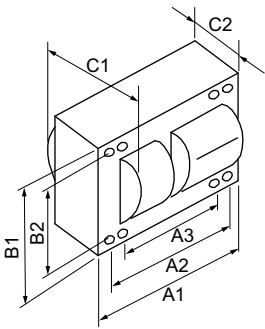
### Approval and Application

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

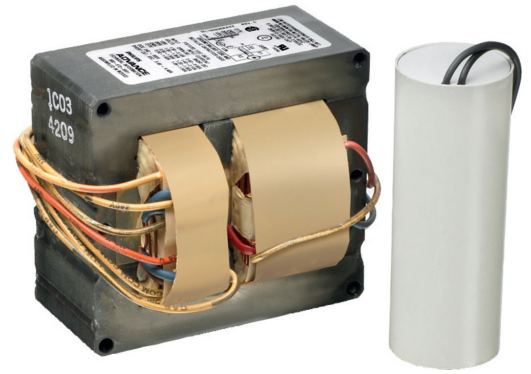
### Dimensional drawing



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





# 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		Electrical	
ANSI Code	M47	Input Frequency	60 Hz
Lamp Type	1000W MH	Input Current (Open Circuit)	4.96/3.84/2.77/2.35/1.37 A
Number of Lamps	1 piece/unit	Input Current (Starting)	5.77/2.91/2.78/2.39/1.38 A
Circuit Type	CWA	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
Ballast Type	Magnetic HID	Secondary Short Circuit Current	5.22-6.38 A
Base Model	71A6552	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)	9.2/5.8/4.8/4.1/2.4 A A
Capacitor Value	24 MFD	Input Power (Nom)	1080 W
Capacitor Catalog Number	MD2409000	Rated Lamp Power	1000 W
Capacitor Requirements	480V	<b>Wiring</b>	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	3.90 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Input Voltage	120/208/240/277/480 V	Recommended Fuse Value	25/15/12/10/6 A

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

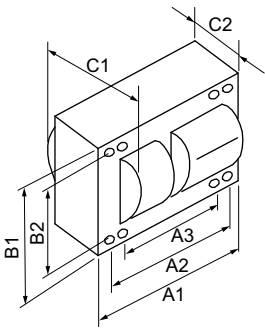
### Approval and Application

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

