



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

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

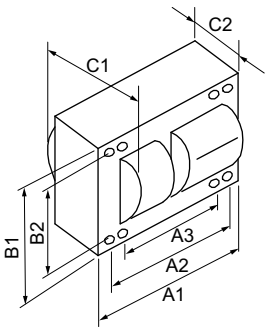
Approval and Application

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		Input Frequency	
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	Wiring	
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
Operating and Electrical		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

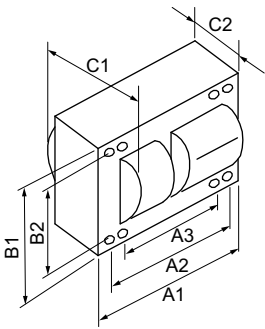
Approval and Application

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

