

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

**CORE & COIL HID 71A6542001**

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	71A6542T
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	3.9 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	480/120T V
Input Frequency	60 Hz
Power (Rated) (Nom)	1000 W
Input Current (Open Circuit)	1.2 A
Input Current (Starting)	1.9 A
Input Current (Short Circuit)	1.4-2.15 V
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	430 V
Input Current (Nom)	2.25 A A
Input Power (Nom)	1080 W
Rated Lamp Power	1000W W
Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded

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

Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	6 A

Approval and Application

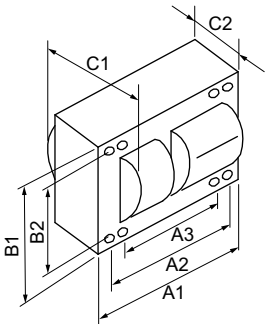
Open Circuit Voltage Test (Volts)	385-475 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029D
---------------------	-------

Product Data

Order product name	CORE & COIL HID 71A6542001
EAN/UPC - Product	781087022399
Order code	913700536709
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700536709
Net Weight (Piece)	9.658 kg

Dimensional drawing



MH BAL 1000W M47 480V/120T KIT

Product	C1	C2	A1	A2	A3	B1	B2
---------	----	----	----	----	----	----	----

