



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

**CORE & COIL HID MH BAL 1000W M47  
208/240V/120T C&C**

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	CWI
Ballast Type	Magnetic HID
Base Model	71A65E6T
Core Size	4 1/4 x 6
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	20 MFD
Capacitor Catalog Number	(2) 7C400P30RA
Capacitor Requirements	560V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.85 in
Capacitor Height	4.7 in
Automatic Restart	No

## Operating and Electrical

Input Voltage	208/240/120T V
Input Frequency	60 Hz
Input Current (Open Circuit)	3.25/3.2 A
Input Current (Starting)	1.65/1.3 A
Input Current (Short Circuit)	1.25-1.85/0.9-1.35 V
Secondary Short Circuit Current	4.7-5.8 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	440 V
Input Current (Nom)	5.3/4.8 A A
Input Power (Nom)	1080 W
Rated Lamp Power	1000 W

## Wiring

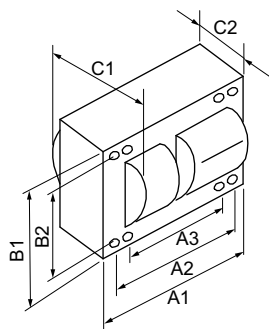
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used	
Recommended Fuse Value	15/12 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	395-485 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/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

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 1000W M47 208/240V/120T C&C
EAN/UPC - Product	781087092705
Order code	913700504281
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700504281
Net Weight (Piece)	12.098 kg

### Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A65E6500DT	5.3 in	3.5 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

