

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
Inp. 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
Nominal Open Circuit Voltage	440 V
Input Current (Operating) (Nom)	5.3/4.8 A A
Input Power (Nom)	1080 W
Rated Lamp Watts	1000 W

Wiring

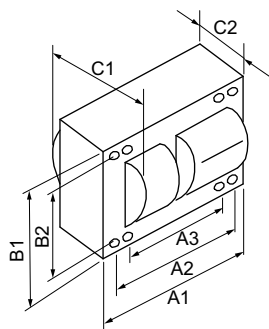
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used	
Recommended Fuse Value	15/12 A
Approval and Application	
Open Circuit Voltage Test (Volts)	395-485 V
Approbation 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

Product Data	
Order product name	CORE & COIL HID MH BAL 1000W M47 208/240V/120T C&C
EAN/UPC - Product	781087092705
Order code	71A65E6500DT
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

