



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

CORE & COIL HID MH BAL 1000W M47 480V/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 1000W MH 1 piece/unit				
Lamp Type					
Number of Lamps					
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				

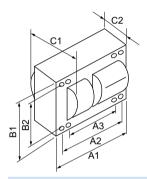
Operating and Electrical	
Input Voltage	480/120T V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.2 A
Input Current (Starting)	1.9 A
Input Current (Short Circuit)	1.4-2.15 V
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	430 V
Input Current (Nom)	2.25 A A
Input Power (Nom)	1080 W
Rated Lamp Power	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	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 MH BAL 1000W M47			
	480V/120T C&C			
EAN/UPC - Product	781087022474			
Order code	913710516502			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	2			
Material Nr. (12NC)	913710516502			
Net Weight (Piece)	8.641 kg			

Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6542600T	4.5 in	2.6 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in



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www.lighting.philips.com 2019, February 12 - data subject to change