PHILIPS Lighting



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				
Lamp Type	1000W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A6542TA				
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				

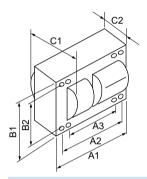
Operating and Electrical	
Input Voltage	480/120T V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.2 A
Input Current (Starting)	1.9 A
Input Current (Short Circuit)	1.4-2.15 V
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	430 V
Input Current (Operating) (Nom)	2.25 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	6 A		
Approval and Application			
Open Circuit Voltage Test (Volts)	385-475 V		
Approbation 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 71A6542500TA
EAN/UPC - Product	781087082409
Order code	71A6542500TA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913701135201
Net Weight (Piece)	9.231 kg

Dimensional drawing



MH BAL 1000W M47 480V/120T C&C

Product	C1	C2	A 1	A2	A3	B1	B2
CORE & COIL HID 71A6542500TA	5 in	3.05 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in



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