PHILIPS Lighting



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				

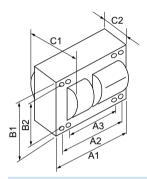
Operating and Electrical					
Input Voltage	208/240/120T V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	3.25/3.2 A				
Input Current (Starting)	1.65/1.3 A				
Input Current (Short Circuit)	1.25-1.85/0.9-1.35 V				
Secondary Short Circuit Current	4.7-5.8 A				
Constant Wattage Deviation	10%				
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				

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

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



MH BAL 1000W M47 208/240V/120T C&C

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



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

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