PHILIPS Lighting



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

CORE & COIL HID MH BAL 1500W M48 120/277/347V 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	M48				
Lamp Type	1500W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A67A2				
Core Size	4 1/4 x 6				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	NA				
Ignitor Temperature Rating	NA				
Capacitor Value	32 MFD				
Capacitor Catalog Number	MD3202100				
Capacitor Requirements	525V				
Capacitor Temperature Rating	90°C				
Capacitor Diameter/Oval Dimensions	2 in				
Capacitor Height	3.75 in				
Automatic Restart	No				

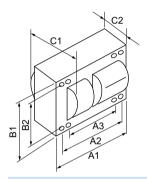
Operating and Electrical	
Input Voltage	120/277/347 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	4.8/2/1.7 A
Input Current (Starting)	13.4/5.7/4.6 A
Input Current (Short Circuit)	9.8-14.8/4.4-6.7/3.5-5.3 V
Secondary Short Circuit Current	7.4-9/7.4-9/7.4-9 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	450 V
Input Current (Operating) (Nom)	13.5/5.85/4.8 A A
Input Power (Nom)	1615 W
Rated Lamp Watts	1500 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	30/15/15 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	405-495 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	G/G/G				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029G				

Product Data					
Order product name	CORE & COIL HID MH BAL 1500W M48				
	120/277/347V C&C				
EAN/UPC - Product	781087022726				
Order code	71A67A2600				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913700504361				
Net Weight (Piece)	13.753 kg				

Dimensional drawing



MH BAL 1500W M48 120/277/347V C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1500W	6.1 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M48 120/277/347V C&C							



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www.lighting.philips.com 2019, March 22 - data subject to change