



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

CORE & COIL HID MH BAL 1500W M48 220/240V 50HZ 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	71A67R2	
Core Size	4 1/4 x 6 (2 Coil NB)	
Suitable For Outdoor Use	Yes	
Ignitor Catalog Number	NA	
Ignitor Temperature Rating	NA	
Capacitor Value	18 MFD	
Capacitor Catalog Number	MD1802200	
Capacitor Requirements	525V	
Capacitor Temperature Rating	90°C	
Capacitor Diameter/Oval Dimensions	1.75 in	
Capacitor Height	4.90 in	
Automatic Restart	No	

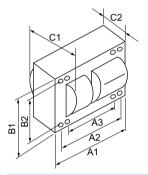
Operating and Electrical		
Input Voltage	220/240 V	
Input Frequency	60 Hz	
Inp. Current (Open Circuit)	2.10/1.90 A	
Input Current (Starting)	6.90/6.30 A	
Input Current (Short Circuit)	11.30-14.0/10.40-12.8 A	
Secondary Short Circuit Current	10.40-12.80 A	
Constant Wattage Deviation	10%	
Ballast Factor (Nom)	1.0	
Power Factor (Nom)	0.90	
Nominal Open Circuit Voltage	450 V	
Input Current (Operating) (Nom)	7.50/6.90 A A	
Input Power (Nom)	1605 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	

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

Tandem Wiring Configuration Allowed	No		
Through Wiring Configuration Allowed	No		
Max Ballast-Lamp Distance Remote Wiring Determined by AWG used			
Recommended Fuse Value	20/20 A		
Mechanical and Housing			
Housing	NA		
Housing Dimensions	NA		
Approval and Application			
Open Circuit Voltage Test (Volts)	420-520 V		
EMC Immunity Standard	NA		
Approbation Marks	RoHS Compliant		
Temperature Marking	A/A		
Sound Rating	NA		
UL Recognized	No		

Hipot Test (1 Minute)	2000 V	
Hipot Test (2 Seconds)	2500 V	
UL Insulation Class	N(AC200°C)	
UL Temperature Code	1029A	
Product Data		
Order product name	CORE & COIL HID MH BAL 1500W M48	
	220/240V 50HZ C&C	
EAN/UPC - Product	781087022832	
Order code	71A67R2510	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	1	
Material Nr. (12NC)	913710475802	
Net Weight (Piece)	15.453 kg	

Dimensional drawing



MH BAL 1500W M48 220/240V 50HZ C&C

Product	C1	C2
CORE & COIL HID 71A67R2510	6.40 in	4.40 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