



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

CORE & COIL HID MH BAL 1500W M48 QUAD 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	71A6792			
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	120/208/240/277 V			

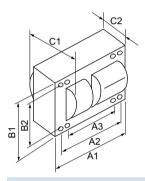
Input Frequency	60 Hz
Inp. Current (Open Circuit)	4.8/2.5/2.2/2 A
Input Current (Starting)	13.4/7.7/6.7/5.7 A
Input Current (Short Circuit)	9.8-14.8/5.6-8.3/5.2-7.8/4.4-6.7 V
Secondary Short Circuit Current	7.4-9 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	450 V
Input Current (Operating) (Nom)	13.5/7.8/6.75/5.85 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
Max Ballast-Lamp Distance Remote	Determined by AWG used
Wiring	

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Recommended Fuse Value	30/25/20/15 A					
Approval and Application						
Open Circuit Voltage Test (Volts)	405-495 V					
Approbation Marks	ULR CSA certificate RoHS Compliant					
Temperature Marking	G/E/E/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 QUAD
	C&C
EAN/UPC - Product	781087023099
Order code	71A6792510
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710475602
Net Weight (Piece)	14.048 kg

Dimensional drawing



MH BAL 1500W M48 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1500W	6.10 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M48 QUAD C&C							



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