



# 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

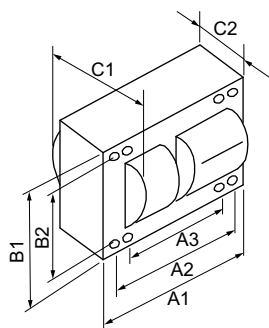
General Information			
ANSI Code	M48	Input Frequency	60 Hz
Lamp Type	1500W MH	Inp. Current (Open Circuit)	4.8/2.5/2.2/2 A
Number of Lamps	1 piece/unit	Input Current (Starting)	13.4/7.7/6.7/5.7 A
Circuit Type	CWA	Input Current (Short Circuit)	9.8-14.8/5.6-8.3/5.2-7.8/4.4-6.7 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	7.4-9 A
Base Model	71A6792	Constant Wattage Deviation	12%
Core Size	4 1/4 x 6	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Nominal Open Circuit Voltage	450 V
Ignitor Temperature Rating	NA	Input Current (Operating) (Nom)	13.5/7.8/6.75/5.85 A A
Capacitor Value	32 MFD	Input Power (Nom)	1605 W
Capacitor Catalog Number	MD3202100	Rated Lamp Watts	1500 W
Capacitor Requirements	525V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	2 in	Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote	Determined by AWG used
Input Voltage	120/208/240/277 V	Wiring	

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Recommended Fuse Value	30/25/20/15 A
<b>Approval and Application</b>	
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

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 1500W M48 QUAD C&C
EAN/UPC - Product	781087023105
Order code	71A6792600
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700504351
Net Weight (Piece)	13.000 kg

### Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6792600	6.1 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

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