



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

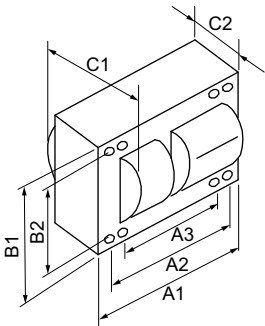
General Information		Operating and Electrical	
ANSI Code	M48	Input Voltage	120/208/240/277 V
Lamp Type	1500W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	5.72/3.29/3.04/2.57 A
Circuit Type	CWA	Input Current (Starting)	10.8/6.13/5.42/4.72 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	9.1-13.6/5.22-7.83/4.56-6.84/3.96-5.95 V
Base Model	71A6792A	Secondary Short Circuit Current	7.29-8.9 A
Core Size	4 1/4 x 6	Constant Wattage Deviation	12%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	NA	Power Factor (Nom)	0.90
Ignitor Temperature Rating	NA	Open Circuit Voltage	460 V
Capacitor Value	32 MFD	Input Current (Nom)	13.4/7.8/6.8/5.9 A A
Capacitor Catalog Number	MD3202100	Input Power (Nom)	1610 W
Capacitor Requirements	525V	Rated Lamp Power	1500 W
Capacitor Temperature Rating	90°C	Wiring	
Capacitor Diameter/Oval	2 in	Wire Striplength	0.5 mm
Dimensions		Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration	Yes
		Allowed	

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Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	30/25/20/15 A
Approval and Application	
Open Circuit Voltage Test (Volts)	414-506 V
Approval 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	781087069509
Order code	913710652819
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710652819
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 M48 QUAD C&C	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

