

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

CORE & COIL HID MH BAL 1000W M47 5-TAP 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

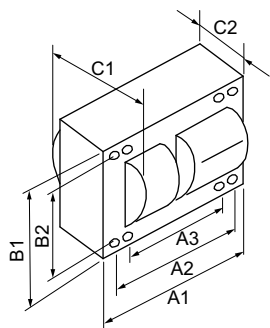
General Information		Operating and Electrical	
ANSI Code	M47	Input Voltage	120/208/240/277/480 V
Lamp Type	1000W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Inp. Current (Open Circuit)	4.96/3.84/2.77/2.35/1.37 A
Circuit Type	CWA	Input Current (Starting)	5.77/2.91/2.78/2.39/1.38 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	4.36-6.64/2.14-3.2/2.1-3.14/1.82-2.74/1.04-1.56 V
Base Model	71A6552A	Secondary Short Circuit Current	5.22-6.38 A
Core Size	4 1/4 x 6 (2 Coil)	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	NA	Power Factor (Nom)	0.90
Ignitor Temperature Rating	NA	Nominal Open Circuit Voltage	430 V
Capacitor Value	24 MFD	Input Current (Operating) (Nom)	9.2/5.8/4.8/4.1/2.4 A A
Capacitor Catalog Number	MD2409000	Input Power (Nom)	1090 W
Capacitor Requirements	480V	Rated Lamp Watts	1000 W
Capacitor Temperature Rating	90°C	Wiring	
Capacitor Diameter/Oval	1.75 in	Wire Striplength	0.5 mm
Dimensions		Wire Length by Color	12"
Capacitor Height	3.9 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	25/15/12/10/6 A
Approval and Application	
Open Circuit Voltage Test (Volts)	387-473 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A/A/A/A
UL Recognized	Yes
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 1000W M47 5-TAP C&C
EAN/UPC - Product	781087090138
Order code	71A6552500A
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913701117202
Net Weight (Piece)	9.966 kg

Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6552500A	5.6 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

