



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

CORE & COIL HID MH BAL 1000W M47 480V/120T 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.

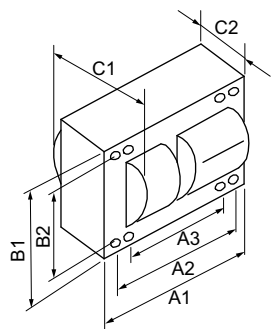
Product data

General Information		Operating and Electrical	
ANSI Code	M47	Input Voltage	480/120T V
Lamp Type	1000W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Inp. Current (Open Circuit)	1.2 A
Circuit Type	CWA	Input Current (Starting)	1.9 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	1.4-2.15 V
Base Model	71A6542T	Secondary Short Circuit Current	5.2-6.4 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)	2.25 A A
Capacitor Catalog Number	MD2409000	Input Power (Nom)	1080 W
Capacitor Requirements	480V	Rated Lamp Watts	1000 W
Capacitor Temperature Rating	90°C		
Capacitor Diameter/Oval Dimensions	1.75 in	Wiring	
Capacitor Height	3.9 in	Wire Striplength	0.5 mm
Automatic Restart	No	Wire Length by Color	12"
		Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used	
Recommended Fuse Value	6 A
Approval and Application	
Open Circuit Voltage Test (Volts)	385-475 V
Approbation Marks	CSA certificate RoHS Compliant
Temperature Marking	D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Dimensional drawing



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Product Data	
Order product name	CORE & COIL HID MH BAL 1000W M47 480V/120T C&C
EAN/UPC - Product	781087022429
Order code	71A6542500T
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700500691
Net Weight (Piece)	8.995 kg

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6542500T	4.5 in	2.6 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

