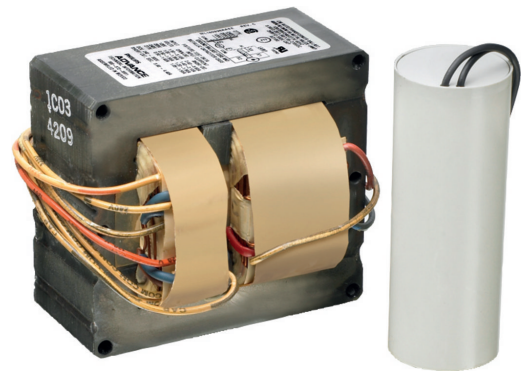




Core & Coil (71A) MH ~GT~ 450W

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 ULR 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

Product Data

Order product name CORE & COIL HID MH BAL 1000W M47
480V/120T C&C

EAN/UPC - Product 781087022474

Order code 71A6542600T

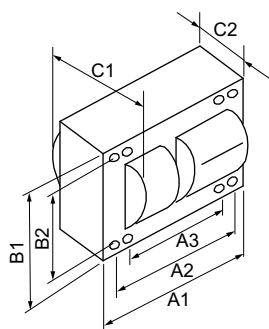
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 2

Material Nr. (12NC) 913710516502

Net Weight (Piece) 8.641 kg

Dimensional drawing



MH BAL 1000W M47 480V/120T C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6542600T	4.5 in	2.6 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

