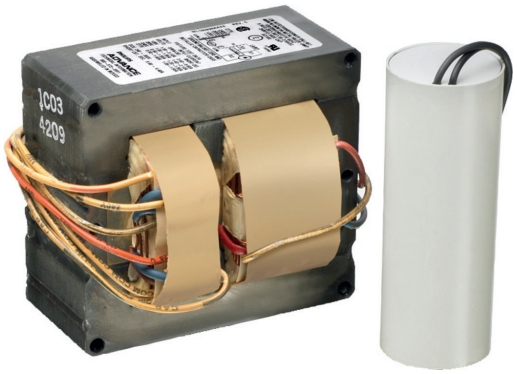
PHILIPS

Lighting



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

CORE & COIL HID MH BAL 1000W M47 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	M47
Lamp Type	1000W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A6592A
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	24 MFD
Capacitor Catalog Number	MD2409000
Capacitor Requirements	480V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	3.9 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	4.5/2.7/2.3/2.2 A
Input Current (Starting)	7.8/4/3.7/3.2 A
Input Current (Short Circuit)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.6 V
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	430 V
Input Current (Operating) (Nom)	9/5.2/4.5/3.9 A A
Input Power (Nom)	1080 W
Rated Lamp Watts	1000 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used

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

Recommended Fuse Value	20/15/10/10 A

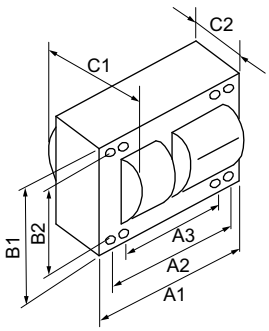
Approval and Application

Open Circuit Voltage Test (Volts)	385-475 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/B/B/B
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 QUAD C&C
EAN/UPC - Product	797552414552
Order code	71A6592500MLA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710662602
Net Weight (Piece)	10.193 kg

Dimensional drawing



MH BAL 1000W M47 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W M47 QUAD C&C	5 in	3.05 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

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