



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

# CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT

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	71A65A2
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	120/277/347 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	4.5/2.2/1.7 A
Input Current (Starting)	7.8/3.2/2.5 A
Input Current (Short Circuit)	4.8-7.3/2-3.1/1.6-2.6 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)	9/3.9/3.2 A A
Input Power (Nom)	1080 W
Rated Lamp Watts	1000 W

## Wiring

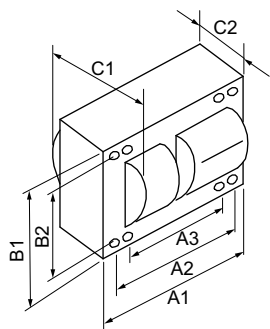
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used	
Recommended Fuse Value	20/10/8 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	385-475 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/C/C
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

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT
EAN/UPC - Product	781087021958
Order code	71A65A2001
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700525709
Net Weight (Piece)	10.156 kg

### Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

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