

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

**CORE & COIL HID MH BAL 1000W M47 120/220/240V  
50HZ 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	71A65N2
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	26 MFD
Capacitor Catalog Number	MD2602100
Capacitor Requirements	525V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	5.3 in
Automatic Restart	No

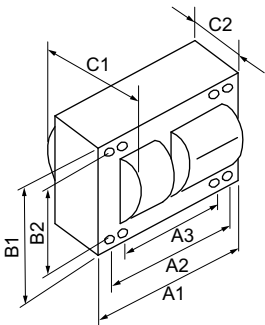
Operating and Electrical	
Input Voltage	120/220/240 V
Input Frequency	50 Hz
Imp. Current (Open Circuit)	4/2. 1/2 A
Input Current (Starting)	8.2/4.5/4.1 A
Input Current (Short Circuit)	12-18/6.5-9.8/6-9 V
Secondary Short Circuit Current	7.7-9.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	450 V
Input Current (Operating) (Nom)	9.3/5/4.5 A A
Input Power (Nom)	1090 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	24/13/13 A
Approval and Application	
Open Circuit Voltage Test (Volts)	430-520 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

Product Data	
Order product name	CORE & COIL HID 71A65N2510
EAN/UPC - Product	781087058251
Order code	71A65N2510
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710475202
Net Weight (Piece)	11.168 kg

Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A65N2510	5 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

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