



Core & Coil (71A) MH 175W - 450W

CORE & COIL HID MH BAL 250W M58 127/220V 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	M58 250W MH			
Lamp Type				
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A57H0A			
Core Size	4 1/4 x 4 3/4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	NA			
Ignitor Temperature Rating	NA			
Capacitor Value	15 MFD			
Capacitor Catalog Number	7C150P40R			
Capacitor Requirements	400V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	3.75 in			
Automatic Restart	No			

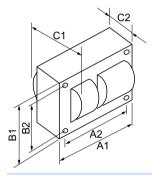
Operating and Electrical	
Input Voltage	127/220 V
Input Frequency	60 Hz
Input Current (Open Circuit)	2.35/1.4 A
Input Current (Starting)	2/1.15 A
Input Current (Short Circuit)	1.9-2.9/1.1-1.7 A
Secondary Short Circuit Current	2.25-2.75 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	300 V
Input Current (Nom)	2.6/1.5 A A
Input Power (Nom)	295 W
Rated Lamp Power	250 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	8/5 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	270-330 V				
Approval Marks	NOM certificate RoHS Compliant				
Temperature Marking	A/A				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029A				

Product Data				
Order product name	CORE & COIL HID MH BAL 250W M58			
	127/220V C&C			
EAN/UPC - Product	781087084526			
Order code	913701113102			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	2			
Material Nr. (12NC)	913701113102			
Net Weight (Piece)	5.339 kg			

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2	
CORE & COIL HID MH BAL 250W M58	3.15 in	1.65 in	4.8 in	4.4 in	4.3 in	3.9 in	
127/220V C&C							



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www.lighting.philips.com 2019, March 22 - data subject to change