**PHILIPS** Lighting



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

## CORE & COIL HID MH BAL 250W M58 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	M58			
Lamp Type	250W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A57NO			
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	18 MFD			
Capacitor Catalog Number	7C180P40R			
Capacitor Requirements	400V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	3.75 in			
Automatic Restart	No			

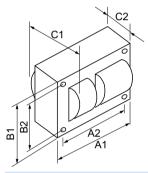
Operating and Electrical			
Input Voltage	120/220-240 V		
Input Frequency	50 Hz		
Input Current (Open Circuit)	2/1.1 A		
Input Current (Starting)	1.85/0.95 A		
Input Current (Short Circuit)	3.2-4.8/1.7-2.5 A		
Secondary Short Circuit Current	3.5-4.3 A		
Constant Wattage Deviation	10%		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Open Circuit Voltage	315 V		
Input Current (Nom)	2.5/1.3 A A		
Input Power (Nom)	290 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	7/4 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	300-370 V				
Approval Marks	RoHS Compliant CSA certificate				
Temperature Marking	D/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					
Product Data					
Order product name	CORE & COIL HID MH BAL 250W M58				
	120/220-240V 50HZ C&C				
EAN/UPC - Product	781087112373				
Order code	113282				
Local order code	113282				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	4				
Material Nr. (12NC)	913700500591				
Net Weight (Piece)	5.203 kg				

### Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A57N0500D	3.4 in	1.78 in	4.8 in	4.4 in	4.3 in	3.9 in



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www.lighting.philips.com 2019, February 12 - data subject to change