



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

CORE & COIL HID MH BAL 400W M59/H33 480V 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	M59				
Lamp Type	400W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A6041A				
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	24 MFD				
Capacitor Catalog Number	7C240P40R				
Capacitor Requirements	400V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	4.80 in				
Automatic Restart	No				

Operating and Electrical			
Input Voltage	480 V		
Input Frequency	60 Hz		
Input Current (Open Circuit)	0.75 A		
Input Current (Starting)	0.9 A		
Input Current (Short Circuit)	0.6-0.95 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	300 V		
Input Current (Nom)	1 A A		
Input Power (Nom)	462 W		
Rated Lamp Power	400 W		
Wiring			
Wire Striplength	0.5 mm		
Wire Length by Color	12"		
Wire Type	Stranded		
Remote Wiring Configuration Allowed	Yes		

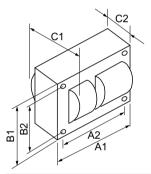
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used					
Recommended Fuse Value	ise Value 3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	270-330 V				
Approval Marks	NOM certificate RoHS Compliant				
Temperature Marking	E				
UL Recognized	No				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029E				

Product Data	
Order product name	CORE & COIL HID MH BAL 400W M59/H33
	480V C&C
EAN/UPC - Product	797552414606
Order code	913710662009
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710662009
Net Weight (Piece)	5.884 kg

Dimensional drawing



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Product	C 1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 400W	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
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