



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

CORE & COIL HID MH BAL 400W M59 480V/120T 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	M59				
Lamp Type	400W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A6041TA				
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	4.8 in				
Automatic Restart	No				

Operating and Electrical				
Input Voltage	480/120T 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			

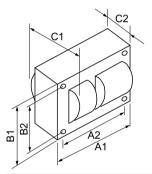
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used					
Recommended Fuse Value	3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	270-330 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	E				
UL Recognized	Yes				
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			
	480V/120T KIT			
EAN/UPC - Product	781087096505			
Order code	913700535709			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	1			
Material Nr. (12NC)	913700535709			
Net Weight (Piece)	5.729 kg			

Dimensional drawing



MH BAL 400W M59 480V/120T KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 400W M59	4 in	2.13 in	4.8 in	4.4 in	4.3 in	3.9 in
480V/120T KIT						



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