



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

Lamp Type Number of Lamps Circuit Type	M59 400W MH 1 piece/unit CWA			
Number of Lamps Circuit Type	1 piece/unit			
Circuit Type	· /			
	CWA			
Ballast Type	CWA			
	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
Inp. 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
Nominal Open Circuit Voltage	300 V
Input Current (Operating) (Nom)	1 A A
Input Power (Nom)	462 W
Rated Lamp Watts	400 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

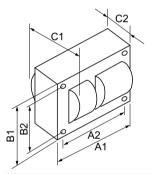
Datasheet, 2019, March 22 data subject to change

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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				
Approbation Marks	NOM certificate RoHS Compliant				
Temperature Marking	Е				
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	71A6041500DMLA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710662009
Net Weight (Piece)	5.884 kg

Dimensional drawing



MH BAL 400W M59/H33 480V C&C

Product	C1	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
M59/H33 480V C&C						



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