PHILIPS Lighting



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

CORE & COIL HID MH BAL 400W M59 120/277/347V 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	71A60A1A				
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 Requirements	400V 105°C				
Capacitor Temperature Rating					
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	4.8 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120/277/347 V				

Input Frequency	60 Hz					
Inp. Current (Open Circuit)	2.6/1.2/0.9 A					
Input Current (Starting)	2.6/1.2/0.9 A					
Input Current (Short Circuit)	2.75-4.2/1.2-1.8/0.95-1.45 A					
Secondary Short Circuit Current	3.5-4.3 A					
Constant Wattage Deviation	10%					
Ballast Factor (Nom)	1.0					
Power Factor (Nom)	0.90					
Nominal Open Circuit Voltage	300 V					
Input Current (Operating) (Nom)	4/1.75/1.4 A A					
Input Power (Nom)	460 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					
Tandem Wiring Configuration Allowed	No					
Through Wiring Configuration Allowed	No					

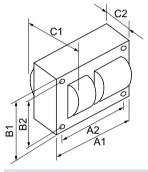
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Recommended Fuse Value					
Recommended Fuse value	10/5/4 A				
Mechanical and Housing					
Housing	A				
Housing Dimensions	A				
Approval and Application					
Open Circuit Voltage Test (Volts) 2	270-330 V				
EMC Immunity Standard	A				
Approbation Marks	JLR CSA certificate RoHS Compliant				
Temperature Marking	D/D/D				
Sound Rating	A				
UL Recognized Y	/es				
Hipot Test (1 Minute)2	2000 V				

Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D
Product Data	
Order product name	CORE & COIL HID MH BAL 400W M59

order product name	CORE & COLETIED MIT BAE 400W MI39			
	120/277/347V C&C			
EAN/UPC - Product	781087097816			
Order code	71A60A1500DA			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	4			
Material Nr. (12NC)	913700503911			
Net Weight (Piece)	5.562 kg			

Dimensional drawing



MH BAL 400W M59 120/277/347V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 400W M59	4.00 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in
120/277/347V C&C						



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