



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

CORE & COIL HID MH BAL 400W M59 QUAD 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	71A6091A				
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	120/208/240/277 V				

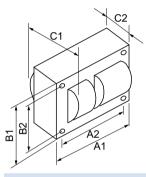
Input Frequency	60 Hz					
Input Current (Open Circuit)	3/1.8/1.5/1.35 A					
Input Current (Starting)	3.25/1.9/1.65/1.45 A					
Input Current (Short Circuit)	2.54-3.81/1.46-2.19/1.27-1.9/1.1-1.66 A					
Secondary Short Circuit Current	3.43-4.19 A					
Constant Wattage Deviation	10%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	305 V					
Input Current (Nom)	4/2.3/2/1.72 A A					
Input Power (Nom)	455 W					
Rated Lamp Power	400 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					
Remote Wiring Configuration	Yes					
Allowed						
Max Ballast-Lamp Distance Remote	Determined by AWG used					
Wiring						

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Recommended Fuse Value	10/7/5/5 A
Approval and Application	
Open Circuit Voltage Test (Volts)	275-335 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/E/D/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 QUAD C&C
EAN/UPC - Product	781087069691
Order code	913710508319
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710508319
Net Weight (Piece)	5.929 kg

Dimensional drawing



MH BAL 400W M59 QUAD C&C

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
QUAD C&C						



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