



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

## **CORE & COIL HID MH BAL 250W M58 QUAD 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	M58
Lamp Type	250W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A5771
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	15 MFD
Capacitor Catalog Number	7C150P40R
Capacitor Requirements	400V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	3.75 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120/208/240/277 V

Input Frequency	60 Hz				
Input Current (Open Circuit)	2.6/1.5/1.3/1.1 A				
Input Current (Starting)	1/0.6/0.5/0.45 A				
Input Current (Short Circuit)	1.2-1.8/0.7-1/0.6-0.9/0.5-0.75 A				
Secondary Short Circuit Current	2-3 A				
Constant Wattage Deviation	8%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	300 V				
Input Current (Nom)	2.6/1.5/1.3/1.1 A A				
Input Power (Nom)	294 W				
Rated Lamp Power	250 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				
Max Ballast-Lamp Distance Remote	Determined by AWG used				
Wiring					

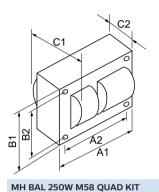
Datasheet, 2019, March 22 data subject to change

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Recommended Fuse Value	8/5/5/3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	270-330 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	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 250W M58 QUAD				
	KIT				
EAN/UPC - Product	781087096475				
Order code	193102				
Local order code	193102				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	1				
Material Nr. (12NC)	913700534909				
Net Weight (Piece)	4.614 kg				

### Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W M58	4.2 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
QUAD KIT						



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