



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

CORE & COIL HID MH BAL 250W M58/H37 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	M58
Lamp Type	250W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A5790A
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	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

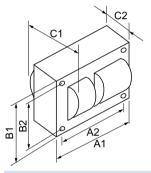
Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.7/1/0.85/0.75 A
Input Current (Starting)	2.2/1.3/1.1/1 A
Input Current (Short Circuit)	1.9-2.7/1.1-1.7/0.95-1.35/0.8-1.2 A
Secondary Short Circuit Current	2.25-2.75 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	300 V
Input Current (Nom)	2.5/1.45/1.25/1.1 A A
Input Power (Nom)	298 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

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Max Ballast-Lamp Distance Remote	Determined by AWG used					
Wiring						
Recommended Fuse Value	8/5/5/3 A					
Approval and Application						
Open Circuit Voltage Test (Volts)	270-330 V					
Approval Marks	ULR NOM certificate RoHS Compliant CSA					
	certificate					
Temperature Marking	B/B/B/B					
UL Recognized	No					
Hipot Test (1 Minute)	2000 V					
Hipot Test (2 Seconds)	2500 V					
UL Insulation Class	H(180°C)					
UL Temperature Code	1029B					

Product Data	
Order product name	CORE & COIL HID MH BAL 250W M58/H37
· · · · •	QUAD C&C
EAN/UPC - Product	781087055069
Order code	120501
Local order code	120501
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710498910
Net Weight (Piece)	4.115 kg

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W	3.15 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
M58/H37 QUAD C&C						



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