



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

CORE & COIL HID MH BAL 250W M58 5-TAP 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	71A5750
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	120/208/240/277/480 V

Input Current (Open Circuit) 2/1.2/1/0.9/0.5 A Input Current (Starting) 2.4/1.4/1.2/1.05/0.6 A Input Current (Short Circuit) 1.9-2.9/1.1-1.7/0.9-1.4/0.8-1.25/0.45-0.75 A Secondary Short Circuit Current 2.25-2.8 A Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 315 V Input Current (Nom) 2.6/1.5/1.4/1.1/0.65 A A Input Power (Nom) 290 W
Input Current (Short Circuit) 1.9-2.9/1.1-1.7/0.9-1.4/0.8-1.25/0.45-0.75 A
Secondary Short Circuit Current 2.25-2.8 A Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 315 V Input Current (Nom) 2.6/1.5/1.4/1.1/0.65 A A
Constant Wattage Deviation 10% Ballast Factor (Nom) 1 Power Factor (Nom) 0.90 Open Circuit Voltage 315 V Input Current (Nom) 2.6/1.5/1.4/1.1/0.65 A A
Ballast Factor (Nom) 1
Power Factor (Nom) 0.90
Open Circuit Voltage 315 V Input Current (Nom) 2.6/1.5/1.4/1.1/0.65 A A
Input Current (Nom) 2.6/1.5/1.4/1.1/0.65 A A
Input Power (Nem)
input Power (Noin) 250 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

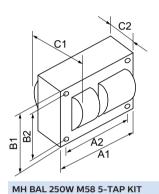
Datasheet, 2019, March 22 data subject to change

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Recommended Fuse Value	8/5/5/3/2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	285-345 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A/B/A/B
UL Recognized	Yes
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 5-TAP KIT
EAN/UPC - Product	781087111789
Order code	913710413801
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710413801
Net Weight (Piece)	0.010 kg

Dimensional drawing



 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID MH BAL 250W M58 5 3.1 in
 1.6 in
 4.8 in
 4.4 in
 4.3 in
 3.9 in

 TAP KIT



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