



Core & Coil (71A) MH 175W – 450W

CORE & COIL HID MH BAL 250W M138/153
120/220-240 50HZ CC

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	M138-M153
Lamp Type	250W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A57N2
Core Size	4 1/4 x 4 3/4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	20 MFD
Capacitor Catalog Number	7C200P33R
Capacitor Requirements	330V
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	120/220-240 V
Input Frequency	50 Hz
Inp. Current (Open Circuit)	1.65/0.85 A
Input Current (Starting)	1.9/1 A
Input Current (Short Circuit)	3.3-4.95/1.7-2.6 A
Secondary Short Circuit Current	3.7-4.5 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	280 V
Input Current (Operating) (Nom)	2.6/1.35 A A
Input Power (Nom)	294 W
Rated Lamp Watts	250 W

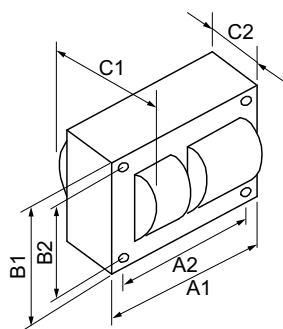
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring 5'	
Recommended Fuse Value	6/3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	270-330 V
Approbation Marks	RoHS Compliant CSA certificate
Temperature Marking	C/C
UL Recognized	Yes
Hipot Test (1 Minute)	1500 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C

Product Data	
Order product name	CORE & COIL HID MH BAL 250W M138/153 120/220-240 50HZ CC
EAN/UPC - Product	781087121160
Order code	71A57N2500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710421202
Net Weight (Piece)	4.940 kg

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A57N2500D	3.25 in	1.75 in	4.8 in	4.4 in	4.3 in	3.9 in

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