



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

CORE & COIL HID MH BAL 250W M138/M153 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	M138-M153
Lamp Type	250W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A5752
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	17 MFD
Capacitor Catalog Number	7C170P40
Capacitor Requirements	330V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval	1.75 in
Dimensions	
Capacitor Height	3.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277/480 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.38/0.82/0.7/0.62/0.37 A
Input Current (Starting)	1.65/0.97/0.84/0.73/0.43 A
Input Current (Short Circuit)	1.28-1.92/0.75-1.12/0.64-0.97/0.56-0.84/0.32-0.49 A
Secondary Short Circuit Current	2.35-2.88 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	280 V
Input Current (Nom)	2.37/1.39/1.18/1.03/0.6 A A
Input Power (Nom)	284 W
Rated Lamp Power	250 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded

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

Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance	2'
Remote Wiring	
Recommended Fuse Value	8/5/5/3/2 A

Approval and Application

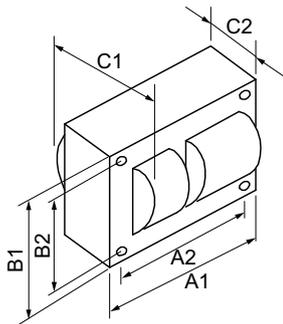
Open Circuit Voltage Test (Volts)	254-308 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	A/A/A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V

UL Insulation Class	H(180°C)
UL Temperature Code	1029A

Product Data

Order product name	CORE & COIL HID MH BAL 250W M138/M153 5-TAP KIT
EAN/UPC - Product	781087123874
Order code	913701122311
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913701122311
Net Weight (Piece)	5.203 kg

Dimensional drawing



MH BAL 250W M138/M153 5-TAP KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W M138/M153 5-TAP KIT	4 in	2.2 in	4.8 in	4.4 in	4.3 in	3.9 in

