



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

## CORE & COIL HID MH BAL 250W M138/M153 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	M138-M153
Lamp Type	250W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A5792A
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 V					
Input Frequency	60 Hz					
Input Current (Open Circuit)	1.4/0.8/0.7/0.65 A					
Input Current (Starting)	1.9/1.1/0.96/0.85 A					
Input Current (Short Circuit)	1.58-2.4/0.9-1.35/0.8-1.2/0.68-1.05 A					
Secondary Short Circuit Current	2.38-2.9 A					
Constant Wattage Deviation	10%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	275 V					
Input Current (Nom)	2.5/1.45/1.25/1.1 A A					
Input Power (Nom)	291 W					
Rated Lamp Power	250 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					

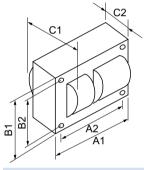
### Core & Coil (71A) MH 175W - 450W

Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance Remote	5'
Wiring	
Recommended Fuse Value	8/5/5/3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	250-300 V
Approval Marks	ULR CSA certificate NOM certificate RoHS
	Compliant
Temperature Marking	A/A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	1500 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

	QUAD C&C
EAN/UPC - Product	797552414644
Order code	913710640119
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710640119
Net Weight (Piece)	4.550 kg

#### **Dimensional drawing**



MH BAL 250W M138/M153 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 250W M138/	3.10 in	1.5 in	4.8 in	4.4 in	4.3 in	3.9 in
M153 QUAD C&C						



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