



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	71A5792XEE
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 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)	1.45/0.81/0.74/0.63 A
Input Current (Starting)	1.74/1.0/0.88/0.77 A
Input Current (Short Circuit)	1.55-2.32/0.88-1.33/0.76-1.15/0.67-1.0 A
Secondary Short Circuit Current	2.42-2.96 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	275 V
Input Current (Nom)	2.52/1.44/1.26/1.1 A A
Input Power (Nom)	277 W
Rated Lamp Power	250 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded

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

Approval and Application

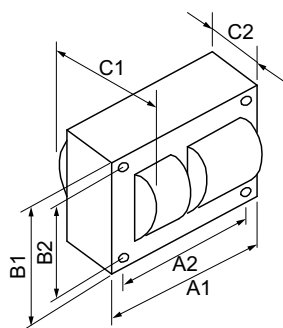
Open Circuit Voltage Test (Volts)	254-308 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	A/A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	1500 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029A
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Product Data

Order product name	CORE & COIL HID MH BAL 250W M138/M153 QUAD C&C
EAN/UPC - Product	781087089231
Order code	913701116202
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913701116202
Net Weight (Piece)	6.283 kg

Dimensional drawing



MH BAL 250W M138/M153 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5792500DXEE	4.05 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in

