



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

CORE & COIL HID MH BAL 175W M137 OR M152 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	M137-M152
Lamp Type	175W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A5593
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	11 MFD
Capacitor Catalog Number	7C110M40
Capacitor Requirements	370V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval	1.65 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)	1.9/1.05/0.9/0.8 A
Input Current (Starting)	0.7/0.75/0.65/0.55 A
Input Current (Short Circuit)	0.4-0.7/0.22-0.35/0.2-0.35/0.17-0.32 A
Secondary Short Circuit Current	1.6-1.95 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	275 V
Input Current (Nom)	1.8/1.05/0.9/0.8 A A
Input Power (Nom)	208 W
Rated Lamp Power	175 W

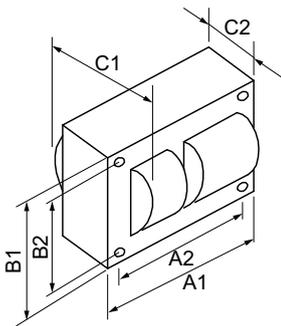
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded

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Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance	2'
Remote Wiring	
Recommended Fuse Value	5/3/3/3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	250-300 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C/C/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 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 175W M137 OR M152 QUAD C&C
EAN/UPC - Product	781087049891
Order code	913710495210
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710495210
Net Weight (Piece)	3.162 kg

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5593500DML	3.5 in	2.24 in	3.9 in	3.5 in	2.8 in	2.4 in

