

# Core & Coil (71A) MH 175W – 450W

## CORE & COIL HID MH BAL 250W M138/M153 480V/120T 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

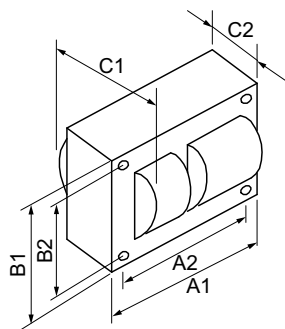
General Information		Operating and Electrical	
ANSI Code	M138-M153	Input Voltage	480/120T V
Lamp Type	250W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	0.47 A
Circuit Type	SUPER-CWA	Input Current (Starting)	0.41 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.33-0.50 A
Base Model	71A5742TEE	Secondary Short Circuit Current	2.44-2.99 A
Core Size	4 1/4 x 4 3/4 (2 coil)	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI533-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Open Circuit Voltage	290 V
Capacitor Value	17 MFD	Input Current (Nom)	0.64 A A
Capacitor Catalog Number	7C170P40	Input Power (Nom)	283 W
Capacitor Requirements	340V	Rated Lamp Power	250 W
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.75 in	Wiring	
Capacitor Height	3.75 in	Wire Striplength	0.5 mm
Automatic Restart	No	Wire Length by Color	12"
		Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

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

Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	2 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	261-319 V
Approval Marks	ULR CSA certificate EISA RoHS Compliant
Temperature Marking	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

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 250W M138/ M153 480V/120T C&C
EAN/UPC - Product	781087077467
Order code	913710694902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710694902
Net Weight (Piece)	5.920 kg

### Dimensional drawing



MH BAL 250W M138/M153 480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A5742600TEE	4.05 in	2.15 in	4.8 in	4.4 in	4.3 in	3.9 in

