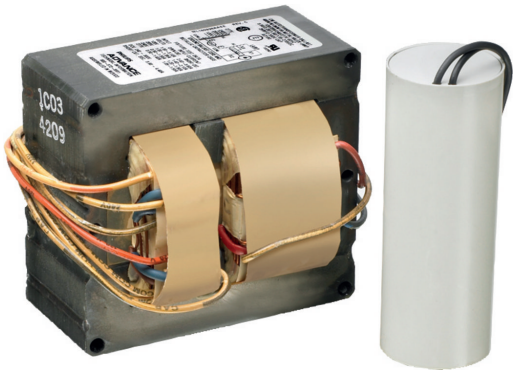
PHILIPS

Lighting



Core & Coil (71A) MH ~LT~ 175W

CORE & COIL HID MH BAL 70W M98/143 120/277/347V 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	M98-M143
Lamp Type	70W MH
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A52A2
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	8 MFD
Capacitor Catalog Number	7C080L30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.25 in
Capacitor Height	2.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/277/347 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.9/0.8/0.65 A
Input Current (Starting)	0.55/0.25/0.2 A
Input Current (Short Circuit)	0.55-0.8/0.25-0.45/0.2-0.35 A
Secondary Short Circuit Current	0.95-1.25 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	255 V
Input Current (Operating) (Nom)	0.81/0.35/0.28 A A
Input Power (Nom)	88 W
Rated Lamp Watts	70 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

Core & Coil (71A) MH ~LT~ 175W

Max Ballast-Lamp Distance Remote Wiring	15'
Recommended Fuse Value	4/2/2 A

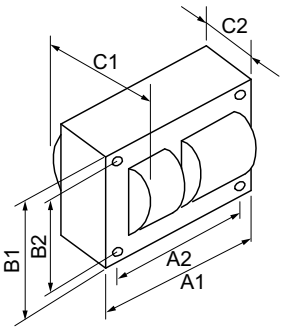
Approval and Application

Open Circuit Voltage Test (Volts)	230-280 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	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 70W M98/143 120/277/347V C&C
EAN/UPC - Product	781087047262
Order code	71A52A2500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700571909
Net Weight (Piece)	2.309 kg

Dimensional drawing



MH BAL 70W M98/143 120/277/347V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A52A2500D	2.75 in	1.45 in	3.9 in	3.5 in	2.8 in	2.4 in

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