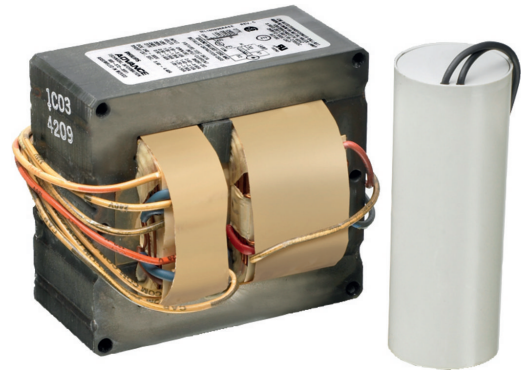




Core & Coil (71A) MH ~LT~ 175W

CORE & COIL HID MH BAL 70W M98/143 120/277/347V KIT

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	M98-M143	Input Voltage	120/277/347 V
Lamp Type	70W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Inp. Current (Open Circuit)	1.9/0.8/0.65 A
Circuit Type	HX-HPF	Input Current (Starting)	0.55/0.25/0.2 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	0.55-0.8/0.25-0.45/0.2-0.35 A
Base Model	71A52A2	Secondary Short Circuit Current	0.95-1.25 A
Core Size	3 X 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	Nominal Open Circuit Voltage	255 V
Capacitor Value	8 MFD	Input Current (Operating) (Nom)	0.81/0.35/0.28 A A
Capacitor Catalog Number	7C080L30RA	Input Power (Nom)	88 W
Capacitor Requirements	280V	Rated Lamp Watts	70 W
Capacitor Temperature Rating	105°C		
Capacitor Diameter/Oval Dimensions	1.25 in	Wiring	
Capacitor Height	2.75 in	Wire Striplength	0.5 mm
Automatic Restart	No	Wire Length by Color	12"
		Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

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

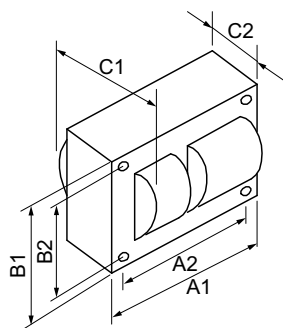
Approval and Application

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 KIT
EAN/UPC - Product	781087078150
Order code	71A52A2001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700532109
Net Weight (Piece)	2.572 kg

Dimensional drawing



MH BAL 70W M98/143 120/277/347V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 70W M98/143 120/277/347V KIT	2.75 in	1.45 in	3.9 in	3.5 in	2.8 in	2.4 in

