PHILIPS Lighting



Core & Coil (71A) HPS ~GT~ 400W

CORE & COIL HID HPS BAL 1000W S52 220/240V 50HZ 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	S52				
Lamp Type	1000W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A87R3				
Core Size	4 1/4 x 6				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI571-H5				
Ignitor Temperature Rating	105°C				
Capacitor Value	28 MFD				
Capacitor Catalog Number	MD1408-230				
Capacitor Requirements	580V				
Capacitor Temperature Rating	90°C				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	3.90 in				
Automatic Restart	No				

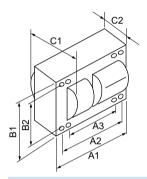
Operating and Electrical					
Input Voltage	220/240 V				
Input Frequency	50 Hz				
Input Current (Open Circuit)	1.3/1.2 A				
Input Current (Starting)	6/5.6 A				
Input Current (Short Circuit)	8.5-12.8/7.8-11.8 A				
Secondary Short Circuit Current	10.35-12.65 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	435 V				
Input Current (Nom)	5.2/4.8 A A				
Input Power (Nom)	1100 W				
Rated Lamp Power	1000 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				

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Max Ballast-Lamp Distance Remote Wiring 15'					
Recommended Fuse Value	15/15 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	455-555 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	E/E				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029E				

Product Data					
Order product name	CORE & COIL HID HPS BAL 1000W S52				
	220/240V 50HZ C&C				
EAN/UPC - Product	781087037621				
Order code	913700506211				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	1				
Material Nr. (12NC)	913700506211				
Net Weight (Piece)	14.729 kg				

Dimensional drawing



HPS BAL 1000W S52 220/240V 50HZ C&C

Product	C1	C2	A 1	A2	A3	B1	B2
CORE & COIL HID 71A87R3500	6.30 in	4.30 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in



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