PHILIPS Lighting



Core & Coil (71A) HPS ~LT~ 200W

CORE & COIL HID HPS BAL 150W (EURO LAMP) 220/240V 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

Company I Information					
General Information					
ANSI Code	SON-TPIA				
Lamp Type	150W HPS 1 piece/unit LEAD-REACTOR Magnetic HID 71A9918				
Number of Lamps					
Circuit Type					
Ballast Type					
Base Model					
Core Size	2 5/8 x 2 3/16				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI533-H4				
Ignitor Temperature Rating	105°C 17 MFD				
Capacitor Value					
Capacitor Catalog Number	7C170P40				
Capacitor Requirements	300V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	3.75 in				
Automatic Restart	No				

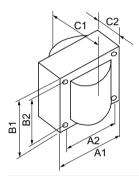
Operating and Electrical					
Input Voltage	220/240 V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	1.41/1.53 A				
Input Current (Starting)	0.88/0.71 A				
Input Current (Short Circuit)	0.68-1.02/0.57-0.85 A				
Secondary Short Circuit Current	1.77-2.67 A				
Constant Wattage Deviation	10%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	220 V				
Input Current (Operating) (Nom)	0.78/0.72 A A				
Input Power (Nom)	167 W				
Rated Lamp Watts	150 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				

Core & Coil (71A) HPS ~LT~ 200W

Max Ballast-Lamp Distance Remote W	Viring 2'				
Recommended Fuse Value	4/4 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	202-233 V				
Approbation Marks	NOM certificate RoHS Compliant				
Temperature Marking	A/A				
UL Recognized	No				
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 HPS BAL 150W (EURO
	LAMP) 220/240V C&C
EAN/UPC - Product	781087109007
Order code	71A9918500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913701147602
Net Weight (Piece)	1.756 kg

Dimensional drawing



HPS BAL 150W (EURO LAMP) 220/240V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W (EURO	4.1 in	2.74 in	2.6 in	2.2 in	2.2 in	1.8 in
LAMP) 220/240V C&C						



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2019, March 22 - data subject to change