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

General Information

ANSI Code	SON-TPIA
Lamp Type	150W HPS
Number of Lamps	1 piece/unit
Circuit Type	LEAD-REACTOR
Ballast Type	Magnetic HID
Base Model	71A9918
Core Size	2 5/8 x 2 3/16
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	17 MFD
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
Input 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
Open Circuit Voltage	220 V
Input Current (Nom)	0.78/0.72 A A
Input Power (Nom)	167 W
Rated Lamp Power	150 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	2'
Recommended Fuse Value	4/4 A

Approval and Application

Open Circuit Voltage Test (Volts)	202-233 V
Approval 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	913701147602
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	913701147602
Net Weight (Piece)	1.756 kg

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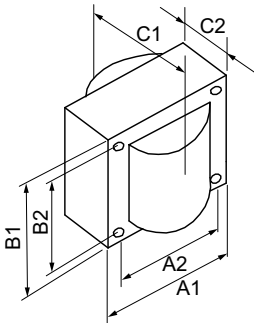
HPS BAL 150W (EURO LAMP) 220/240V C&C

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