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

CORE & COIL HID HPS BAL 70W S62 127V/ 220V/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	S62
Lamp Type	70W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A79H9
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-J4
Ignitor Temperature Rating	105℃
Capacitor Value	27 MFD
Capacitor Catalog Number	7C270P24RAT1
Capacitor Requirements	240V
Capacitor Temperature Rating	105℃
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	3.75 in
Automatic Restart	No

Operating and Electrical

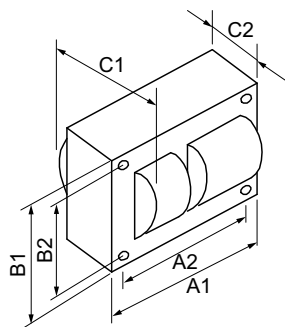|	
Input Voltage	127/220/240 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0.39/0.22/0.2 A
Input Current (Starting)	0.47/0.27/0.24 A
Input Current (Short Circuit)	0.32-0.47/0.18-0.27/0.17-0.25 A
Secondary Short Circuit Current	1.95-2.35 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.95
Open Circuit Voltage	280 V
Input Current (Nom)	0.69/0.4/0.36 A A
Input Power (Nom)	88 W
Rated Lamp Power	70 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	2/1.5/1.5 A

Approval and Application

Open Circuit Voltage Test (Volts)	103–125 V
Approval Marks	ULR FIDE Certificate NOM certificate RoHS Compliant CSA certificate SASO Certificate
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 HPS BAL 70W S62 127V/220V/240V C&C
EAN/UPC – Product	781087074190
Order code	913710670002
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2
Material Nr. (12NC)	913710670002
Net Weight (Piece)	2.913 kg

Dimensional drawing

HPS BAL 70W S62 127V/220V/240V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 70W S62 127V/220V/240V C&C	3.55 in	2.2 in	3.9 in	3.5 in	2.8 in	2.4 in

www.lighting.philips.com

2019, March 22 – data subject to change