



Encapsulated Core & Coil (73B)

ENCAPSULATED CORE & COIL HID HPS BAL 250W
S50 QUAD ENCAP

Where quiet performance is required, the standard open core and coil ballast is encapsulated (potted) in a cube-shaped steel can utilizing Class H (180°C) polyester compound.

Product data

• General Information

ANSI Code	S50
Lamp Type	250W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	73B8291A
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-H4
Ignitor Temperature Rating	105°C
Capacitor Value	35 MFD
Capacitor Catalog Number	7C350P24RA
Capacitor Requirements	240V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65000000 in
Capacitor Height	3.70000000 in
Automatic Restart	No

• Operating and Electrical

Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.53/0.95/0.77/0.63 A
Input Current (Starting)	1.61/0.89/0.8/0.68 A
Input Current (Short Circuit)	1.16-1.74/0.64-0.96/0.56-0.85/0.49-0.74 A
Secondary Short Circuit Current	3.65-4.45 A

Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	187 V
Input Current (Operating) (Nom)	2.5/1.47/1.25/1.09 A A
Input Power (Nom)	295 W
Rated Lamp Watts	250W W

• Wiring

Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	7/4/4/3 A

• Mechanical and Housing

Housing Material	Metal
Housing Encap	Encap
Housing Dimensions	5.4" x 5.0" x 4.3"

• Approval and Application

Open Circuit Voltage Test (Volts)	170-205 V
Approbation Marks	ULR

PHILIPS

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Temperature
Marking
Sound Rating
UL Recognized
Hipot Test (1
Minute)
Hipot Test (2
Seconds)
UL Insulation Class
UL Temperature
Code

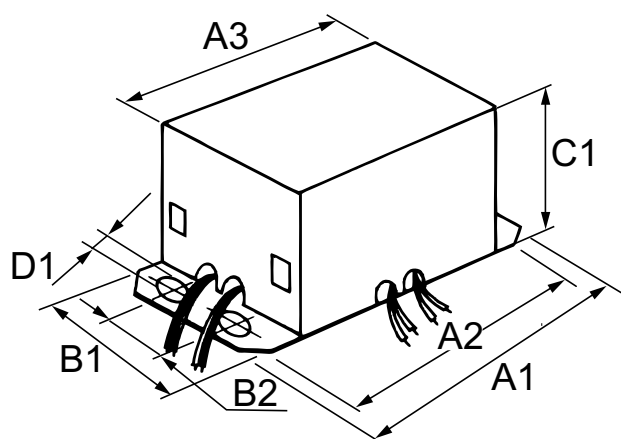
CSA certificate
RoHS Compliant
B/B/B/B

B
Yes
2000 V
25000 V
H(180°C)
1029B

• Product Data

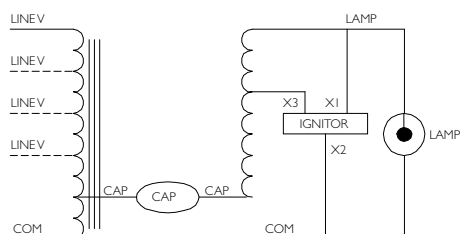
Order product name	ENCAPSULATED CORE & COIL HID 73B8291500DA
EAN/UPC - Product	781087083246
Order code	73B8291500DA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913701137202
Net Weight (Piece)	6.682 kg

Dimensional drawing



HPS BAL 250W S50 QUAD ENCAP

Product	A1	A2	A3	B1	B2	C1	D1
ENCAPSULATED CORE & COIL HID 73B8291500DA	6.75 in	6 in	5.4 in	4.3 in	2 in	5 in	0.25 in



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data subject to change