



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		Operating and Electrical	
ANSI Code	S50	Input Voltage	120/208/240/277 V
Lamp Type	250W HPS	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Input Current (Open Circuit)	1.53/0.95/0.77/0.63 A
Circuit Type	CWA	Input Current (Starting)	1.61/0.89/0.8/0.68 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	1.16-1.74/0.64-0.96/0.56-0.85/0.49-0.74 A
Base Model	73B8291A	Secondary Short Circuit Current	3.65-4.45 A
Suitable For Outdoor Use	Yes	Constant Wattage Deviation	Within Trapezoid
Ignitor Catalog Number	LI501-H4	Ballast Factor (Nom)	1
Ignitor Temperature Rating	105°C	Power Factor (Nom)	0.90
Capacitor Value	35 MFD	Open Circuit Voltage	187 V
Capacitor Catalog Number	7C350P24RA	Input Current (Nom)	2.5/1.47/1.25/1.09 A A
Capacitor Requirements	240V	Input Power (Nom)	295 W
Capacitor Temperature Rating	105°C	Rated Lamp Power	250 W
Capacitor Diameter/Oval	1.65000000 in	Wiring	
Dimensions		Wire Striplength	0.5 mm
Capacitor Height	3.70000000 in	Wire Length by Color	12"
Automatic Restart	No	Wire Type	Stranded

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Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance	2'
Remote Wiring	
Recommended Fuse Value	7/4/4/3 A

Mechanical and Housing

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

Approval and Application

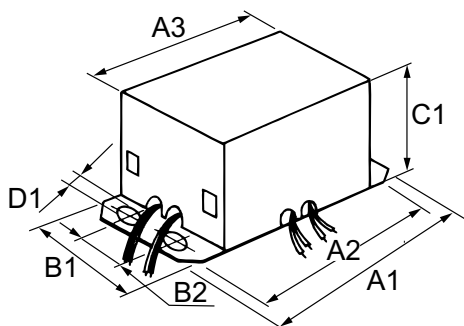
Open Circuit Voltage Test (Volts)	170-205 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	B/B/B/B
Hum And Noise Level	B
UL Recognized	Yes

Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	25000 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029B

Product Data

Order product name	ENCAPSULATED CORE & COIL HID HPS BAL 250W S50 QUAD ENCAP
EAN/UPC - Product	781087083246
Order code	913701137202
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

