

Encapsulated Core & Coil (73B)

ENCAPSULATED CORE & COIL HID MH BAL 150W M102/142 120/277V 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	M102-M142
Lamp Type	150W MH
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	73B5482
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	16 MFD
Capacitor Catalog Number	7C160M30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	2.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/277 V
Input Frequency	60 Hz
Power (Rated) (Nom)	150 W
Inp. Current (Open Circuit)	3.65/1.58 A
Input Current (Starting)	0.95/0.42 A
Input Current (Short Circuit)	1.2-1.9/0.5-0.8 A
Secondary Short Circuit Current	2.05-2.55 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	265 V
Input Current (Operating) (Nom)	1.6/0.7 A A
Input Power (Nom)	185 W
Rated Lamp Watts	150W W

Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"

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Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	10'
Recommended Fuse Value	10/4 A

Mechanical and Housing

Housing Material	Metal
Housing	Encap
Housing Dimensions	4.6" x 4.4" x 3.6"

Approval and Application

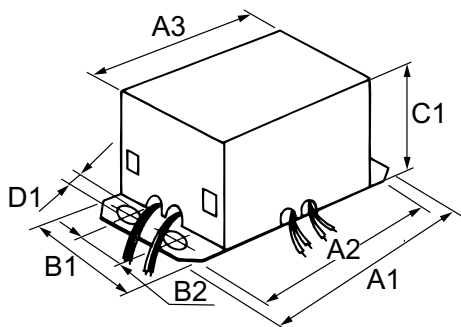
Open Circuit Voltage Test (Volts)	235-290 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/B
Sound Rating	A
UL Recognized	Yes

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

Product Data

Order product name	ENCAPSULATED CORE & COIL HID
	73B5482500D
EAN/UPC - Product	781087354827
Order code	73B5482500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913700542809
Net Weight (Piece)	4.840 kg

Dimensional drawing



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Product	A1	A2	A3	B1	B2	C1	D1
ENCAPSULATED CORE & COIL HID	6 in	5.25 in	4.6 in	3.6 in	2 in	4.4 in	0.25 in
73B5482500D							

