



# 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	105ºC
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 Voltage	120/2// V

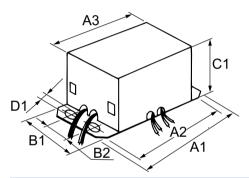
Input Frequency	60 Hz	
Inp. Current (Open Circuit)	3.65/1.58 A	
Input Current (Starting)	0.95/0.42 A	
Input Current (Short Circuit)	1.2-1.9/0.5-0.8 A	
Secondary Short Circuit Current	2.05-2.55 A	
Constant Wattage Deviation	12%	
Ballast Factor (Nom)	1	
Power Factor (Nom)	0.90	
Nominal Open Circuit Voltage	265 V	
Input Current (Operating) (Nom)	1.6/0.7 A A	
Input Power (Nom)	185 W	
Rated Lamp Watts	150 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 10'		

### Encapsulated Core & Coil (73B)

Recommended Fuse Value	10/4 A
Mechanical and Housing	
Housing Material	Metal
Housing	Encap
Housing Dimensions	4.6" × 4.4" × 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 MH BAL
	150W M102/142 120/277V ENCAP
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**



 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
 6 in
 6 in

MH BAL 150W M102/142 120/277V ENCAP



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