



# Encapsulated Core & Coil (73B)

## ENCAPSULATED CORE & COIL HID MH BAL 100W M90/140 120/277V 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 ( $180^{\circ}$ C) polyester compound.

#### **Product data**

General Information					
ANSI Code	M90-M140				
Lamp Type	100W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	73B5383				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI533-H4				
Ignitor Temperature Rating	105ºC				
Capacitor Value	10 MFD				
Capacitor Catalog Number	7C100M30RA				
Capacitor Requirements	300V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65000000 in				
Capacitor Height	2.75 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120/277 V				
	_				

Input Frequency	60 Hz			
Input Current (Open Circuit)	1.05/0.45 A			
Input Current (Starting)	0.8/0.35 A			
Input Current (Short Circuit)	0.55-0.85/0.25-0.35 A			
Secondary Short Circuit Current	1.2-1.45 A			
Constant Wattage Deviation	10%			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	235 V			
Input Current (Nom)	1.15/0.5 A A			
Input Power (Nom)	128 W			
Rated Lamp Power	100 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'				

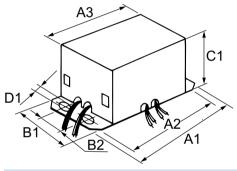
Datasheet, 2019, February 12 data subject to change

### **Encapsulated Core & Coil (73B)**

Recommended Fuse Value	3/2 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)	210-260 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/C
Hum And Noise Level	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
	100W M90/140 120/277V ENCAP
EAN/UPC - Product	781087043141
Order code	506139
Local order code	506139
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913700581509
Net Weight (Piece)	0.010 kg

#### Dimensional drawing



MH BAL 100W M90/140 120/277V ENCAP

Product	A1	A2	А3	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
73B5383500D							



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.