



Encapsulated Core & Coil (73B)

ENCAPSULATED CORE & COIL HID MH BAL 70W M98/143 120/277V 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	M98
Lamp Type	70W MH
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	73B5282
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105ºC
Capacitor Value	8 MFD
Capacitor Catalog Number	7C080L30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.25 in
Capacitor Height	2.75 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120/277 V

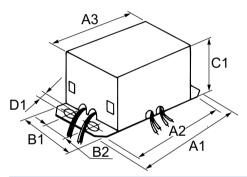
Input Frequency	60 Hz					
Inp. Current (Open Circuit)	1.9/0.8 A					
Input Current (Starting)	0.55/0.25 A					
Input Current (Short Circuit)	0.55-0.8/0.25-0.45 A					
Secondary Short Circuit Current	0.95-1.25 A					
Constant Wattage Deviation	7%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Nominal Open Circuit Voltage	255 V					
Input Current (Operating) (Nom)	0.85/0.37 A A					
Input Power (Nom)	90 W					
Rated Lamp Watts	70 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 15'						

Encapsulated Core & Coil (73B)

Recommended Fuse Value	4/2 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)	230-280 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	A/A				
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	1029A
Product Data	
Order product name	ENCAPSULATED CORE & COIL HID MH BAL
	70W M98/143 120/277V ENCAP
EAN/UPC - Product	781087352823
Order code	73B5282500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700581409
Net Weight (Piece)	3.543 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	3.4 in	0.25 in	
73B5282500D								

MH BAL 70W M98/143 120/277V ENCAP



© 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.

www.lighting.philips.com 2019, February 12 - data subject to change