



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°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	105°C
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

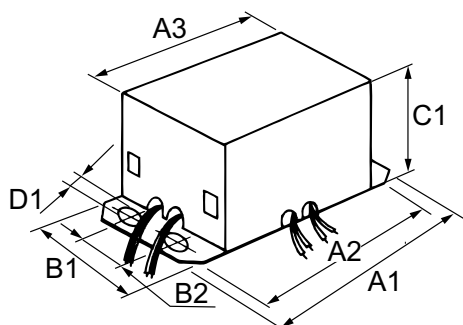
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring 2'	

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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



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Product	A1	A2	A3	B1	B2	C1	D1
ENCAPSULATED CORE & COIL HID 73B5383500D	6 in	5.25 in	4.6 in	3.6 in	2 in	4.4 in	0.25 in

