



# Encapsulated Core & Coil (73B)

## ENCAPSULATED CORE & COIL HID 73B6590500

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

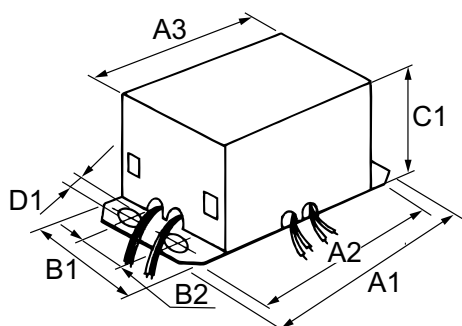
General Information			
ANSI Code	M47	Input Current (Open Circuit)	5/2.7/2.5/2.2 A
Lamp Type	1000W MH	Input Current (Starting)	7/4/3.5/3 A
Number of Lamps	1 piece/unit	Input Current (Short Circuit)	5.3-8/3.1-4.7/2.7-4/2.3-3.5 A
Circuit Type	CWA	Secondary Short Circuit Current	4.9-6.1 A
Ballast Type	Magnetic HID	Constant Wattage Deviation	10%
Base Model	73B6590	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Open Circuit Voltage	415 V
Ignitor Temperature Rating	NA	Input Current (Nom)	9/5.2/4.5/3.9 A A
Capacitor Value	24 MFD	Input Power (Nom)	1070 W
Capacitor Catalog Number	MD2409100	Rated Lamp Power	1000 W
Capacitor Requirements	480V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	3.89999999 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote	Determined by AWG used
Input Voltage	120/208/240/277 V	Wiring	
Input Frequency	60 Hz	Recommended Fuse Value	20/15/10/10 A

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Mechanical and Housing	
Housing Material	Metal
Housing	Encap
Housing Dimensions	6.5" x 5.0" x 5.2"
Approval and Application	
Open Circuit Voltage Test (Volts)	370-460 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/D/D
Hum And Noise Level	C
UL Recognized	Yes
Hiprot Test (1 Minute)	2000 V
Hiprot Test (2 Seconds)	25000 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029D
Product Data	
Order product name	ENCAPSULATED CORE & COIL HID 73B6590500
EAN/UPC - Product	781087051528
Order code	120022
Local order code	120022
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710603301
Net Weight (Piece)	6.700 kg

### Dimensional drawing



MH BAL 1000W M47 QUAD ENCAP

Product	A1	A2	A3	B1	B2	C1	D1
ENCAPSULATED CORE & COIL HID 73B6590500	7.75 in	7 in	6.3 in	5.9 in	2 in	4.9 in	0.25 in

