



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
Lamp Type	1000W MH
Number Of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	73B6590
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	24 MFD
Capacitor Catalog Number	MD2409100
Capacitor Requirements	480V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	3.89999999 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	120/208/240/277 V

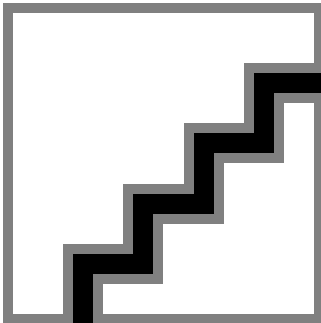
Input Frequency	60 Hz
Input Current (Open Circuit)	5/2.7/2.5/2.2 A
Input Current (Starting)	7/4/3.5/3 A
Input Current (Short Circuit)	5.3-8/3.1-4.7/2.7-4/2.3-3.5 A
Secondary Short Circuit Current	4.9-6.1 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	415 V
Input Current (Nom)	9/5.2/4.5/3.9 A A
Input Power (Nom)	1070 W
Rated Lamp Power	1000 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	Determined by AWG used

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Recommended Fuse Value	20/15/10/10 A
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
Hipot Test (1 Minute)	2000 V

Hipot 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	913710603301
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

