



# Encapsulated Core & Coil (73B)

## ENCAPSULATED CORE & COIL HID MH BAL 250W M58 QUAD 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	M58				
Lamp Type	250W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	73B5790A				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	NA				
Ignitor Temperature Rating	NA				
Capacitor Value	15 MFD				
Capacitor Catalog Number	7C150P40R				
Capacitor Requirements	400V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.75 in				
Capacitor Height	3.75 in				
Automatic Restart	No				
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Operating and Electrical	·				
Input Voltage	120/208/240/277 V				

Input Frequency	60 Hz		
Inp. Current (Open Circuit)	1.7/1/0.85/0.75 A		
Input Current (Starting)	2.2/1.3/1.1/1 A		
Input Current (Short Circuit)	1.9-2.7/1.1-1.7/0.95-1.35/0.8-1.2 A		
Secondary Short Circuit Current	2.25-2.75 A		
Constant Wattage Deviation	10%		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Nominal Open Circuit Voltage	300 V		
Input Current (Operating) (Nom)	2.5/1.45/1.25/1.1 A A		
Input Power (Nom)	298 W		
Rated Lamp Watts	250 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	Determined by AWG used		
Wiring			

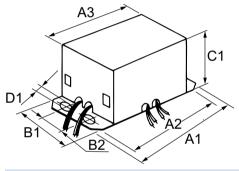
Datasheet, 2019, March 22 data subject to change

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

Recommended Fuse Value	8/5/5/3 A					
Mechanical and Housing						
Housing Material	Metal					
Housing	Encap					
Housing Dimensions	5.4" x 5.0" x 3.8"					
Approval and Application						
Open Circuit Voltage Test (Volts)	270-330 V					
Approbation Marks	ULR CSA certificate RoHS Compliant					
Temperature Marking	B/B/B/B					
Sound Rating	В					
UL Recognized	Yes					
Hipot Test (1 Minute)	2000 V					
Hipot Test (2 Seconds)	25000 V					

UL Insulation Class	H(180°C)				
UL Temperature Code	1029B				
Product Data					
Order product name	ENCAPSULATED CORE & COIL HID MH BAL				
	250W M58 QUAD ENCAP				
EAN/UPC - Product	781087060131				
Order code	73B5790500DA				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	3				
Material Nr. (12NC)	913710649502				
Net Weight (Piece)	6.791 kg				

#### Dimensional drawing



MH BAL 250W M58 QUAD ENCAP

Product	A1	A2	А3	B1	B2	<b>C</b> 1	D1
ENCAPSULATED CORE & COIL HID	6.75 in	6 in	5.4 in	3.8 in	2 in	5 in	0.25 in
MH BAL 250W M58 QUAD ENCAP							



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