PHILIPS

Lighting



Encapsulated Core & Coil (73B)

ENCAPSULATED CORE & COIL HID MH BAL 175W M57 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 (180ºC) polyester compound.

Product data

General Information	
ANSI Code	M57-M107
Lamp Type	175/150W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	73B5590
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	10 MFD
Capacitor Catalog Number	7C100M40R
Capacitor Requirements	400V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.45 in
Capacitor Height	3.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.8/1.04/0.9/0.8 A
Input Current (Starting)	1.3/0.75/0.65/0.55 A
Input Current (Short Circuit)	0.8-1.2/0.45-0.7/0.4-0.6/0.3-0.5 A
Secondary Short Circuit Current	1.5-1.9 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	305 V
Input Current (Nom)	1.8/1.04/0.9/0.8 A A
Input Power (Nom)	210 W
Rated Lamp Power	175/150 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	5/3/3/2 A

Mechanical and Housing

Housing Material	Metal
Housing	Encap
Housing Dimensions	4.6" x 4.4" x 3.6"

Approval and Application

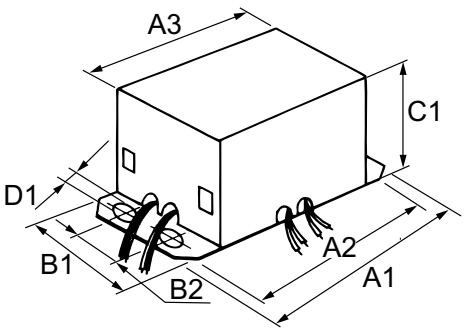
Open Circuit Voltage Test (Volts)	275-335 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	C/D/D/D
Hum And Noise Level	A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	25000 V

UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data

Order product name	ENCAPSULATED CORE & COIL HID MH BAL 175W M57 QUAD ENCAP
EAN/UPC - Product	781087100448
Order code	913700542909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700542909
Net Weight (Piece)	4.605 kg

Dimensional drawing



MH BAL 175W M57 QUAD ENCAP

Product	A1	A2	A3	B1	B2	C1	D1
ENCAPSULATED CORE & COIL HID 73B5590500D	6 in	5.25 in	4.6 in	3.6 in	2 in	4.4 in	0.25 in

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