PHILIPS

Lighting



Encapsulated Core & Coil (73B)

ENCAPSULATED CORE & COIL HID MH BAL 1000W M141 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	M141
Lamp Type	1000W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	73B6593
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI571-H5
Ignitor Temperature Rating	105ºC
Capacitor Value	24 MFD
Capacitor Catalog Number	MD2409000
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
Inp. Current (Open Circuit)	4.5/2.7/2.3/2.2 A
Input Current (Starting)	7.8/4/3.7/3.2 A
Input Current (Short Circuit)	5.6-8.06/3.2-4.8/2.8-4.3/2.4-3.75 A
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	430 V
Input Current (Operating) (Nom)	9/5.2/4.5/3.9 A A
Input Power (Nom)	1080 W
Rated Lamp Watts	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	5'
Wiring	

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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

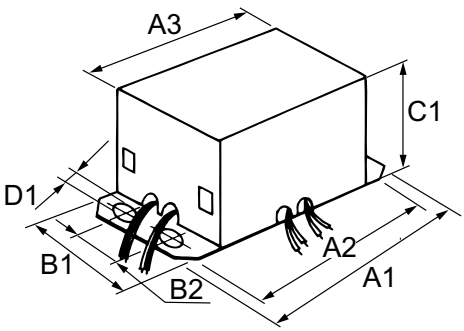
Open Circuit Voltage Test (Volts)	385-475 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/B/B/B
Sound Rating	C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	25000 V

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

Product Data

Order product name	ENCAPSULATED CORE & COIL HID MH BAL 1000W M141 QUAD ENCAP
EAN/UPC - Product	781087027134
Order code	73B6593500
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710418302
Net Weight (Piece)	13.141 kg

Dimensional drawing



MH BAL 1000W M141 QUAD ENCAP

Product	A1	A2	A3	B1	B2	C1	D1
ENCAPSULATED CORE & COIL HID 73B6593500	7.75 in	7 in	6.5 in	5.2 in	2 in	5 in	0.25 in

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