PHILIPS Lighting



Core & Coil (71A) MH ~GT~ 450W

CORE & COIL HID MH BAL 1000W M141 347/480V/120T KIT

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

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	71A65F3T				
Core Size	4 1/4 x 6 (2 Coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI571-H5				
Ignitor Temperature Rating	105°C				
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	3.9 in				
Automatic Restart	No				

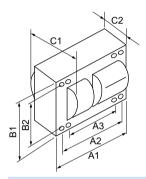
Operating and Electrical	
Input Voltage	347/480/120T V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.75/1.3 A
Input Current (Starting)	2.25/1.65 A
Input Current (Short Circuit)	1.7-2.6/1.25-1.9 V
Secondary Short Circuit Current	4.6-6.9 A
Constant Wattage Deviation	12.5%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	430 V
Input Current (Nom)	3.2/2.35 A A
Input Power (Nom)	1075 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

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Max Ballast-Lamp Distance Remote Wiring 5'					
Recommended Fuse Value	8/6 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	385-470 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	D/D				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029D				

Product Data					
Order product name	CORE & COIL HID MH BAL 1000W M141				
	347/480V/120T KIT				
EAN/UPC - Product	781087124123				
Order code	913701114011				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	1				
Material Nr. (12NC)	913701114011				
Net Weight (Piece)	9.966 kg				

Dimensional drawing



MH BAL 1000W M141 347/480V/120T KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M141 347/480V/120T KIT							



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www.lighting.philips.com 2019, March 22 - data subject to change