



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

CORE & COIL HID 71A6593510

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		Electrical	
ANSI Code	M141	Input Frequency	60 Hz
Lamp Type	1000W MH	Input Current (Open Circuit)	4.5/2.7/2.3/2.2 A
Number of Lamps	1 piece/unit	Input Current (Starting)	7.8/4/3.7/3.2 A
Circuit Type	SUPER-CWA	Input Current (Short Circuit)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.75 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	5.2-6.4 A
Base Model	71A6593	Constant Wattage Deviation	12%
Core Size	4 1/4 x 6 (2 Coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI571-H5	Open Circuit Voltage	430 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	9/5.2/4.5/3.9 A A
Capacitor Value	24 MFD	Input Power (Nom)	1080 W
Capacitor Catalog Number	MD2409000	Rated Lamp Power	1000 W
Capacitor Requirements	480V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.75 in	Wire Length by Color	12"
Capacitor Height	3.9 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	5'
Input Voltage	120/208/240/277 V	Recommended Fuse Value	20/15/10/10 A

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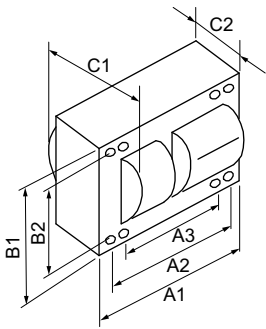
Approval and Application

Open Circuit Voltage Test (Volts)	385-475 V
Approval Marks	ULR RoHS Compliant
Temperature Marking	D/B/B/B
UL Recognized	Yes
Hipot Test (1 Minute)	1500 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 71A6593510
EAN/UPC - Product	781087110256
Order code	913710474902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710474902
Net Weight (Piece)	10.489 kg

Dimensional drawing



MH BAL 1000W M141 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6593510	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

