



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

CORE & COIL HID 71A6593500

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	71A6593
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	120/208/240/277 V
Input Frequency	60 Hz
Input 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)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.75 V
Secondary Short Circuit Current	5.2-6.4 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	430 V
Input Current (Nom)	9/5.2/4.5/3.9 A A
Input Power (Nom)	1080 W
Rated Lamp Power	1000 W

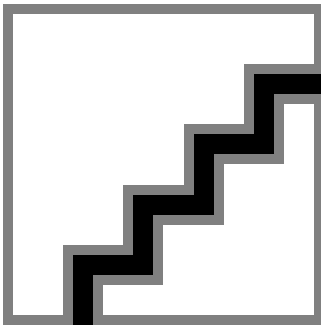
Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring	5'
Recommended Fuse Value	20/15/10/10 A
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 71A6593500
EAN/UPC - Product	781087100738
Order code	913700536809
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700536809
Net Weight (Piece)	9.966 kg

Dimensional drawing



MH BAL 1000W M141 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6593500	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

