



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

## CORE & COIL HID MH BAL 1000W M141 QUAD 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

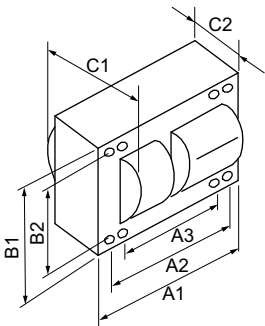
General Information		Operating and Electrical	
ANSI Code	M141	Input Voltage	120/208/240/277 V
Lamp Type	1000W MH	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Power (Rated) (Nom)	1000 W
Circuit Type	SUPER-CWA	Inp. Current (Open Circuit)	4.5/2.7/2.3/2.2 A
Ballast Type	Magnetic HID	Input Current (Starting)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

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

Remote Wiring Configuration Allowed	Yes
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
Approbation 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 71A6593001
EAN/UPC - Product	781087062401
Order code	71A6593001
Local order code	505149
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710651101
Net Weight (Piece)	10.469 kg

Dimensional drawing



MH BAL 1000W M141 QUAD KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6593001	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

