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

CORE & COIL HID 71A6742001

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

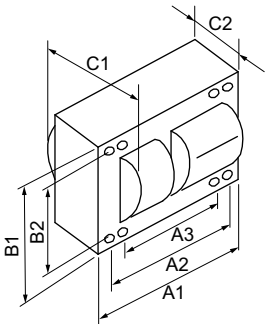|	
ANSI Code	M48
Lamp Type	1500W MH
Number Of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A6742A
Core Size	4 1/4 x 6
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	32 MFD
Capacitor Catalog Number	MD3202100
Capacitor Requirements	525V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	2 in
Capacitor Height	3.75 in
Automatic Restart	No

Operating and Electrical

Input Voltage	480 V
Input Frequency	60 Hz
Power (Rated) (Nom)	1500 W
Input Current (Open Circuit)	1.56 A
Input Current (Starting)	2.94 A
Input Current (Short Circuit)	2.41-3.62 V
Secondary Short Circuit Current	7.4-9 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	460 V
Input Current (Nom)	3.43 A A
Input Power (Nom)	1610 W
Rated Lamp Power	1500W W

Wiring

Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded

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Remote Wiring Configuration Allowed	Yes	UL Temperature Code	1029E
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used		
Recommended Fuse Value	10 A		

Approval and Application

Open Circuit Voltage Test (Volts)	414-506 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

Product Data

Order product name	CORE & COIL HID 71A6742001
EAN/UPC - Product	781087674215
Order code	913700536909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700536909
Net Weight (Piece)	14.438 kg

Dimensional drawing

Product	C1	C2	A1	A2	A3	B1	B2
MH BAL 1500W M48 480V KIT							