



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

CORE & COIL HID 71A6772001

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	71A6772
Core Size	4 1/4 x 6 (2 Coil NB)
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	120/208/240/277 V

Input Frequency	60 Hz
Input Current (Open Circuit)	5.72/3.29/3.04/2.57 A
Input Current (Starting)	10.8/6.13/5.42/4.72 A
Input Current (Short Circuit)	9.1-13.6/5.22-7.83/4.56-6.84/3.96-5.95 V
Secondary Short Circuit Current	7.29-8.9 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	460 V
Input Current (Nom)	13.4/7.8/6.8/5.9 A A
Input Power (Nom)	1610 W
Rated Lamp Power	1500 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Recommended Fuse Value	30/25/20/15 A

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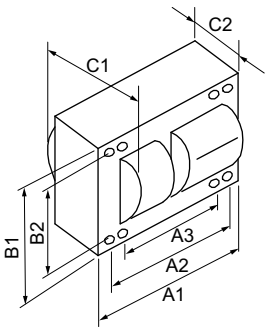
Approval and Application

Open Circuit Voltage Test (Volts)	414-506 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	G/E/E/G
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029G

Product Data

Order product name	CORE & COIL HID 71A6772001
EAN/UPC - Product	781087677216
Order code	913700574909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700574909
Net Weight (Piece)	14.370 kg

Dimensional drawing



MH BAL 1500W M48 QUAD KIT

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6772001	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in





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Number of Lamps	1 piece/unit	Input Current (Starting)	10.8/6.13/5.42/4.72 A
Circuit Type	CWA	Input Current (Short Circuit)	9.1-13.6/5.22-7.83/4.56-6.84/3.96-5.95 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	7.29-8.9 A
Base Model	71A6772	Constant Wattage Deviation	12%
Core Size	4 1/4 x 6 (2 Coil NB)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	NA	Open Circuit Voltage	460 V
Ignitor Temperature Rating	NA	Input Current (Nom)	13.4/7.8/6.8/5.9 A A
Capacitor Value	32 MFD	Input Power (Nom)	1610 W
Capacitor Catalog Number	MD3202100	Rated Lamp Power	1500 W
Capacitor Requirements	525V	Wiring	
Capacitor Temperature Rating	90°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	2 in	Wire Length by Color	12"
Capacitor Height	3.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
Operating and Electrical		Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Input Voltage	120/208/240/277 V	Recommended Fuse Value	30/25/20/15 A

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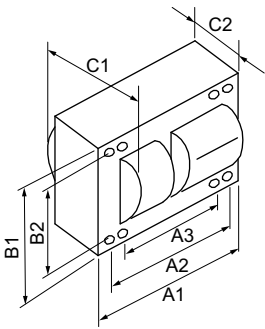
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