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

CORE & COIL HID 71A6452001D

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	M149
Lamp Type	750W MH
Number Of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A6452
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI573-H5
Ignitor Temperature Rating	105°C
Capacitor Value	28 MFD
Capacitor Catalog Number	7C280S40
Capacitor Requirements	400V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	2 in
Capacitor Height	4.8 in
Automatic Restart	No

Operating and Electrical

Input Voltage	120/208/240/277/480 V
Input Frequency	60 Hz
Power (Rated) (Nom)	750 W
Input Current (Open Circuit)	3.3/2/1.8/1.7/0.8 A
Input Current (Starting)	6.6/3.8/3.3/2.8/1.65 A
Input Current (Short Circuit)	5-7.5/2.9-4.3/2.5-3.8/2.1-3.25/1.25-1.9 V
Secondary Short Circuit Current	5-6 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	355 V
Input Current (Nom)	7/4/3.5/3/1.8 A A
Input Power (Nom)	818 W
Rated Lamp Power	750W W

Wiring

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

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Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	15'
Recommended Fuse Value	20/10/10/8/5 A

Approval and Application
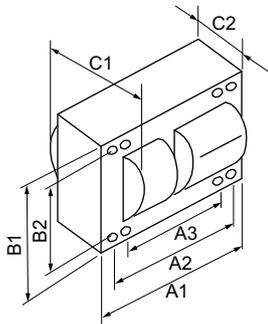
Open Circuit Voltage Test (Volts)	320-390 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/C/D/D/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029D

Product Data

Order product name	CORE & COIL HID 71A6452001D
EAN/UPC - Product	781087057490
Order code	913710640401
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710640401
Net Weight (Piece)	9.131 kg

Dimensional drawing

Product	C1	C2	A1	A2	A3	B1	B2
MH BAL 750W M149 5-TAP KIT							