



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

## CORE & COIL HID MH BAL 750W M149 QUAD C&C

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

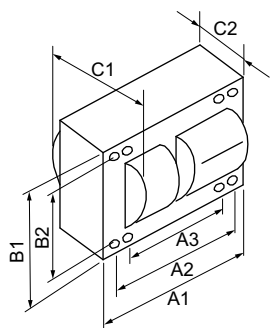
General Information			
ANSI Code	M149	Input Frequency	60 Hz
Lamp Type	750W MH	Input Current (Open Circuit)	3.07/1.52/1.54/1.37 A
Number of Lamps	1 piece/unit	Input Current (Starting)	6.15/3.53/3.06/2.66 A
Circuit Type	SUPER-CWA	Input Current (Short Circuit)	4.92-7.38/2.82-4.24/2.49-3.67/2.13-3.19 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	4.9-6 A
Base Model	71A6492A	Constant Wattage Deviation	10%
Core Size	4 1/4 x 6 (2 Coil)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI573-H5	Open Circuit Voltage	355 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	6.95/3.9/3.5/3 A A
Capacitor Value	28 MFD	Input Power (Nom)	818 W
Capacitor Catalog Number	7C280S40	Rated Lamp Power	750 W
Capacitor Requirements	400V	Wiring	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	2 in	Wire Length by Color	12"
Capacitor Height	4.8 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration	Yes
Operating and Electrical		Allowed	
Input Voltage	120/208/240/277 V	Max Ballast-Lamp Distance Remote	3'
		Wiring	

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Recommended Fuse Value	20/10/10/8 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	320-390 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	B/A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029B

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 750W M149 QUAD C&C
EAN/UPC - Product	781087122983
Order code	913701149502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913701149502
Net Weight (Piece)	9.277 kg

### Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A6492500DA	5 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

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