



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

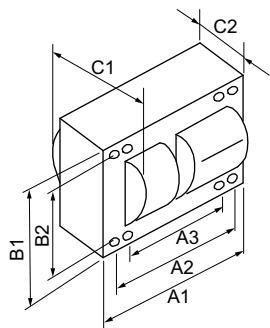
General Information			
ANSI Code	M149	Input Frequency	60 Hz
Lamp Type	750W MH	Inp. Current (Open Circuit)	3.07/1.52/1.54/1.37 A
Number of Lamps	1 piece/unit	Input Current (Starting)	6.15/3.53/3.06/2.66 A
Circuit Type	SUPER-CWA	Input Current (Short Circuit)	4.92-7.38/2.82-4.24/2.49-3.67/2.13-3.19 V
Ballast 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	Nominal Open Circuit Voltage	355 V
Ignitor Temperature Rating	105°C	Input Current (Operating) (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 Watts	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
Approval and Application	
Open Circuit Voltage Test (Volts)	320-390 V
Approbation 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

Product Data	
Order product name	CORE & COIL HID MH BAL 750W M149 QUAD C&C
EAN/UPC - Product	781087122983
Order code	71A6492500DA
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913701149502
Net Weight (Piece)	9.277 kg

Dimensional drawing



MH BAL 750W M149 QUAD C&C

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

