



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)	3.75/1.9/1.85/1.65 A
Number of Lamps	1 piece/unit	Input Current (Starting)	5.2/3.05/2.35/2.25 A
Circuit Type	SUPER-CWA	Input Current (Short Circuit)	4.15-6.2/2.45-3.65/1.85-2.8/1.8-2.7 V
Ballast Type	Magnetic HID	Secondary Short Circuit Current	4.9-6 A
Base Model	71A6490	Constant Wattage Deviation	10%
Core Size	4 1/4 x 4 3/4 (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	340 V
Ignitor Temperature Rating	105°C	Input Current (Operating) (Nom)	6.9/3.85/3.45/3 A A
Capacitor Value	28 MFD	Input Power (Nom)	820 W
Capacitor Catalog Number	7C280S40	Rated Lamp Watts	750 W
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 V		

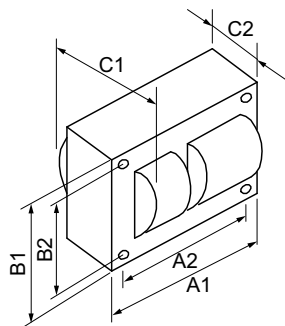
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance Remote	15'
Wiring	

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Recommended Fuse Value	15/9/8/8 A
Approval and Application	
Open Circuit Voltage Test (Volts)	306-375 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	1500 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 MH BAL 750W M149 QUAD C&C
EAN/UPC - Product	781087037737
Order code	71A6490500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710589302
Net Weight (Piece)	8.215 kg

Dimensional drawing



MH BAL 750W M149 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A6490500D	4.9 in	3 in	4.8 in	4.4 in	4.3 in	3.9 in

