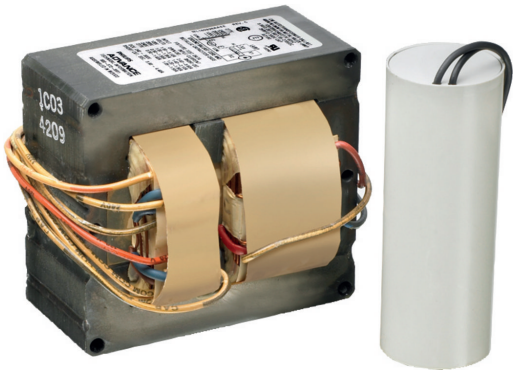
PHILIPS

Lighting



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
Lamp Type	750W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A6490
Core Size	4 1/4 x 4 3/4 (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 V
Input Frequency	60 Hz
Input Current (Open Circuit)	3.75/1.9/1.85/1.65 A
Input Current (Starting)	5.2/3.05/2.35/2.25 A
Input Current (Short Circuit)	4.15-6.2/2.45-3.65/1.85-2.8/1.8-2.7 V
Secondary Short Circuit Current	4.9-6 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	340 V
Input Current (Nom)	6.9/3.85/3.45/3 A A
Input Power (Nom)	820 W
Rated Lamp Power	750 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	15'

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

Recommended Fuse Value	15/9/8/8 A

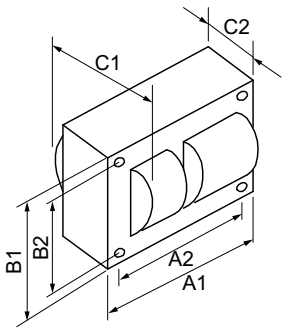
Approval and Application

Open Circuit Voltage Test (Volts)	306-375 V
Approval 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	118927
Local order code	118927
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

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