



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

## CORE & COIL HID MH BAL 1000W M47 220V 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	M47
Lamp Type	1000W MH
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A65J0
Core Size	4 1/4 x 4 3/4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	NA
Ignitor Temperature Rating	NA
Capacitor Value	24 MFD
Capacitor Catalog Number	MD2409000
Capacitor Requirements	480V
Capacitor Temperature Rating	90°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	3.9 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	220 V

Input Frequency	60 Hz			
Input Current (Open Circuit)	2.3 A			
Input Current (Starting)	4.52 A			
Input Current (Short Circuit)	3.64-5.47 V			
Secondary Short Circuit Current	4.9-6.1 A			
Constant Wattage Deviation	10%			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	415 V			
Input Current (Nom)	4.9 A A			
Input Power (Nom)	1080 W			
Rated Lamp Power	1000 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 Wirin	g Determined by AWG used			
Recommended Fuse Value	12 A			

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

Approval	and	Application	
Approvat	anu	Application	

Open Circuit Voltage Test (Volts)	370-460 V			
Approval Marks	NOM certificate RoHS Compliant			
Temperature Marking	C			
UL Recognized	No			
Hipot Test (1 Minute)	2000 V			
Hipot Test (2 Seconds)	2500 V			
UL Insulation Class	H(180°C)			
UL Temperature Code	1029C			

220V C&C

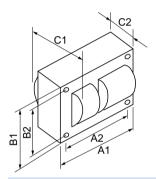
CORE & COIL HID MH BAL 1000W M47

EAN/UPC - Product	781087048580
Order code	913710598902
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710598902
Net Weight (Piece)	8.605 kg

### Product Data

Order product name

### **Dimensional drawing**



MH BAL 1000W M47 220V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 1000W M47	5.29 in	3.33 in	4.8 in	4.4 in	4.3 in	3.9 in
220V C&C						



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2019, March 22 - data subject to change