# **PHILIPS** Lighting



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

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	M48
Lamp type	1500W MH
Number of lamps	1 piece/unit
Circuit type	CWA
Ballast type	Magnetic HID
Base model	71A6772
Core size	4 1/4 x 6 (2 Coil NB)
Suitable for outdoor use	Yes
Ignitor catalogue number	NA
Ignitor temperature rating	NA
Capacitor value	32 MFD
Capacitor catalogue number	MD3202100
Capacitor requirements	525V
Capacitor temperature rating	90°C
Capacitor diameter/oval dimensions	2 in
Capacitor height	3.75 in
Automatic restart	No

<b>Operating and Electrical</b>	
Input voltage	120/208/240/277 V
Input frequency	60 Hz
Input current (open circuit)	5.72/3.29/3.04/2.57 A
Input current (starting)	10.8/6.13/5.42/4.72 A

Input current (short circuit)	9.1-13.6/5.22-7.83/4.56-6.84/3.96-5.95 V
Secondary short-circuit current	7.29-8.9 A
Constant wattage deviation	12%
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	460 V
Input current (nom.)	13.4/7.8/6.8/5.9 A A
Input power (nom.)	1610 W
Rated lamp power	1500 W
Wiring	
Wire strip length	0.5 mm
Wire length by colour	12"
Wire type	Stranded
Remote wiring configuration allowed	Yes
Max. ballast-lamp distance remote	Determined by AWG used
wiring	
Recommended fuse value	30/25/20/15 A
Approval and Application	
Open circuit voltage test (volts)	414-506 V
Approval marks	ULR CSA certificate RoHS Compliant
Temperature marking	G/E/E/G
UL recognised	Yes

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

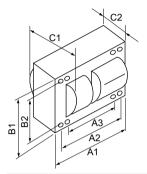
Hipot test (1 minute)	2000 V	
Hipot test (2 seconds)	2500 V	
UL insulation class	H(180°C)	
UL temperature code	1029G	
Product Data		

CORE & COIL HID MH BAL 1500W M48 QUAD KIT

EAN/UPC – product	781087677216
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	913700574909
Net weight (piece)	14.370 kg

#### **Dimensional drawing**

Order product name



 Product
 C1
 C2
 A1
 A2
 A3
 B1
 B2

 CORE & COIL HID MH BAL 1500W
 6.7 in
 4.7 in
 6 in
 5.4 in
 4.4 in
 4.3 in
 3.9 in

 M48 QUAD KIT
 6.1 in
 6.7 in

MH BAL 1500W M48 QUAD KIT



© 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