



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	M47
Lamp type	1000W MH
Number of lamps	1 piece/unit
Circuit type	CWA
Ballast type	Magnetic HID
Base model	71A6592
Core size	4 1/4 x 6 (2 Coil)
Suitable for outdoor use	Yes
Ignitor catalogue number	NA
Ignitor temperature rating	NA
Capacitor value	24 MFD
Capacitor catalogue 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	120/208/240/277 V
Input frequency	60 Hz
Input current (open circuit)	4.5/2.7/2.3/2.2 A
Input current (starting)	7.8/4/3.7/3.2 A

Input current (short circuit)	5.6-8.6/3.2-4.8/2.8-4.3/2.4-3.6 V
Secondary short-circuit current	5.2-6.4 A
Constant wattage deviation	10%
Ballast factor (nom.)	1
Power factor (nom.)	0.90
Open circuit voltage	430 V
Input current (nom.)	9/5.2/4.5/3.9 A A
Input power (nom.)	1080 W
Rated lamp power	1000 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 wiring	Determined by AWG used
Recommended fuse value	20/15/10/10 A

Approval and Application	
Open circuit voltage test (volts)	385-475 V
Approval marks	ULR CSA certificate RoHS Compliant
Temperature marking	A/A/A/A
UL recognised	Yes

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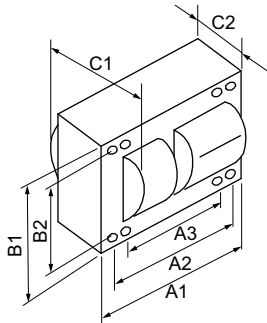
Hipot test (1 minute)	2000 V
Hipot test (2 seconds)	2500 V
UL insulation class	N(AC200°C)
UL temperature code	1029A

Product Data

Order product name	CORE & COIL HID MH BAL 1000W M47 QUAD C&C
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EAN/UPC – product	781087659250
Numerator – quantity per pack	1
Numerator – packs per outer box	2
Material no. (12NC)	913700500651
Net weight (piece)	9.041 kg

Dimensional drawing



MH BAL 1000W M47 QUAD C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W M47 QUAD C&C	4.5 in	2.57 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

