

# Reliable performance

## 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.

### Benefits

- Vacuum-pressure impregnation is used to re-enforce the electrical insulation of the ballast, preclude moisture, inhibit noise, and dissipate heat
- Pre-insulated voltage leads reduce the risk of shock and shrink installation time

### Features

- Vacuum-pressure impregnated with a silica-filled polyester varnish
- All core and coil ballasts below 600W utilize a UL Class H (180°C) insulation system
- C and C ballasts 600W and higher utilize a UL Class N (200°C) insulation system
- Pre-insulated voltage leads
- Ballast kits supplied with pre-wired ignitor

### Application

- High bay retail, manufacturing, gymnasiums, warehouses, parking structures, outdoor

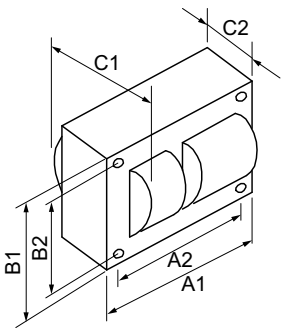
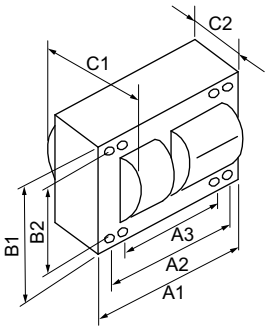
Core & Coil (71A) MH ~GT~ 450W

Versions



71A6592500

Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A65A2001	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6572001	5 in	3.05 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A65F3500T	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A67A2600	6.1 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A65N2500	5 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A65A2500	4.5 in	2.8 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W	4.5 in	2.57 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
M47 QUAD C&C							
CORE & COIL HID 71A6792500A	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A64F2001D	4.25 in	2.28 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6552500	4.7 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6552001	5.6 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6792500	6.1 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6772001	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID 71A6542001	4.5 in	2.6 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A6590500	5.25 in	3.32 in	4.8 in	4.4 in	4.3 in	3.9 in

Operating and Electrical

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

Order Code	Full Product Name	Input Frequency	Input Voltage
176404	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	60 Hz	120/208/240/277 V
176412	CORE & COIL HID MH BAL 1000W M47 120/277/347V C&C	60 Hz	120/277/347 V
179028	CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	50 Hz	120/220/240 V
179085	CORE & COIL HID MH BAL 1500W M48 120/277/347V C&C	60 Hz	120/277/347 V
192435	CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	60 Hz	347/480/120T V
191908	CORE & COIL HID MH BAL 1000W M47 QUAD KIT	60 Hz	120/208/240/277 V
191916	CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT	60 Hz	120/277/347 V
193227	CORE & COIL HID MH BAL 1000W M47 480V/120T KIT	60 Hz	480/120T V

Order Code	Full Product Name	Input Frequency	Input Voltage
509240	CORE & COIL HID MH BAL 1500W M48 QUAD KIT	60 Hz	120/208/240/277 V
506097	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	60 Hz	120/208/240/277 V
486514	CORE & COIL HID MH BAL 1000W M47 5-TAP KIT	60 Hz	120/208/240/277/480 V
486597	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	-	-
199752	CORE & COIL HID MH BAL 750W M149 277/347/480V KIT	60 Hz	277/34/480 V
517722	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	60 Hz	120/208/240/277 V

### General Information

Order Code	Full Product Name	Capacitor Value	Number Of Lamps	Lamp Type
176404	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	24 MFD	1 piece/unit	1000W MH
176412	CORE & COIL HID MH BAL 1000W M47 120/277/347V C&C	24 MFD	1 piece/unit	1000W MH
179028	CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	26 MFD	1 piece/unit	1000W MH
179085	CORE & COIL HID MH BAL 1500W M48 120/277/347V C&C	32 MFD	1 piece/unit	1500W MH
192435	CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	24 MFD	1 piece/unit	1000W MH
191908	CORE & COIL HID MH BAL 1000W M47 QUAD KIT	24 MFD	1 piece/unit	1000W MH
191916	CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT	24 MFD	1 piece/unit	1000W MH
193227	CORE & COIL HID MH BAL 1000W M47 480V/120T KIT	24 MFD	1 piece/unit	1000W MH

Order Code	Full Product Name	Capacitor Value	Number Of Lamps	Lamp Type
509240	CORE & COIL HID MH BAL 1500W M48 QUAD KIT	32 MFD	1 piece/unit	1500W MH
506097	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	32 MFD	1 piece/unit	1500W MH
486514	CORE & COIL HID MH BAL 1000W M47 5-TAP KIT	24 MFD	1 piece/unit	1000W MH
486597	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	-	-	-
199752	CORE & COIL HID MH BAL 750W M149 277/347/480V KIT	28 MFD	1 piece/unit	750W MH
517722	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	32 MFD	1 piece/unit	1500W MH

