



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

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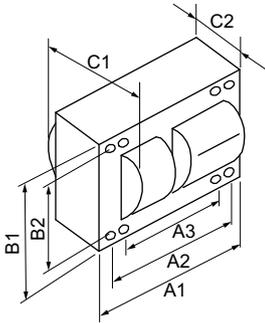
Versions



71A6592500

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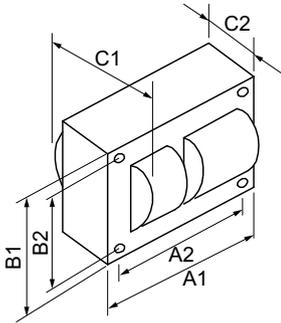
Dimensional drawing



Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT	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 M47 QUAD KIT	5 in	3.05 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	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 1500W M48 480V C&C	6.2 in	4.2 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	5 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
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
CORE & COIL HID MH BAL 1000W M141 480V C&C	5 in	3.05 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1500W M48 QUAD C&C	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M141 QUAD KIT	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 750W M149 5-TAP KIT	4.25 in	2.33 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 750W M149 277/347/480V KIT	4.25 in	2.28 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 480V C&C	4.5 in	2.6 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1500W M48 480V/120T C&C	6.2 in	4.2 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1500W M48 QUAD C&C	6.10 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	5 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 5-TAP C&C	4.7 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 5-TAP KIT	5.6 in	3.90 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 5-TAP KIT (ALL CU)	4.7 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M141 5-TAP KIT	4.7 in	3 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M141 347/480V/120T KIT	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 1500W M48 QUAD C&C	6.1 in	4.10 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1500W M48 QUAD KIT	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1500W M48 480V KIT	6.7 in	4.7 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 480V/120T KIT	4.5 in	2.6 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

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Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	5.25 in	3.32 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 QUAD C&C	5.25 in	3.32 in	4.8 in	4.4 in	4.3 in	3.9 in
CORE & COIL HID MH BAL 1000W M47 5-TAP KIT	5.25 in	3.32 in	4.8 in	4.4 in	4.3 in	3.9 in

Operating and Electrical

Order Code	Full Product Name	Input	
		Frequency	Input Voltage
71A6592500	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	60 Hz	120/208/240/277 V
71A65N2500	CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	50 Hz	120/220/240 V
71A6742610	CORE & COIL HID MH BAL 1500W M48 480V C&C	60 Hz	480 V
71A65F3500T	CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	60 Hz	347/480/120T V
71A6572001	CORE & COIL HID MH BAL 1000W M47 QUAD KIT	60 Hz	120/208/240/277 V
71A65A2001	CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT	60 Hz	120/277/347 V
71A6542001	CORE & COIL HID MH BAL 1000W M47 480V/120T KIT	60 Hz	480/120T V
71A6742001	CORE & COIL HID MH BAL 1500W M48 480V KIT	60 Hz	480 V
71A6772001	CORE & COIL HID MH BAL 1500W M48 QUAD KIT	60 Hz	120/208/240/277 V
71A6792500	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	60 Hz	120/208/240/277 V
71A65F3001	CORE & COIL HID MH BAL 1000W M141 347/480V/120T KIT	60 Hz	347/480/120T V
71A6553001	CORE & COIL HID MH BAL 1000W M141 5-TAP KIT	60 Hz	120/208/240/277/480 V
71A6552001CU	CORE & COIL HID MH BAL 1000W M47 5-TAP KIT (ALL CU)	60 Hz	120/208/240/277/480 V

Order Code	Full Product Name	Input	
		Frequency	Input Voltage
71A6552001	CORE & COIL HID MH BAL 1000W M47 5-TAP KIT	60 Hz	120/208/240/277/480 V
71A6552500	CORE & COIL HID MH BAL 1000W M47 5-TAP C&C	60 Hz	120/208/240/277/480 V
71A6590500	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	-	-
71A6590500ML	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	-	-
71A65N2510	CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	50 Hz	120/220/240 V
71A6792510	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	60 Hz	120/208/240/277 V
71A6742500T	CORE & COIL HID MH BAL 1500W M48 480V/120T C&C	60 Hz	480/120T V
71A6542500ML	CORE & COIL HID MH BAL 1000W M47 480V C&C	60 Hz	480 V
71A65F1600T	CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	60 Hz	347/480/120T V
71A64F2001D	CORE & COIL HID MH BAL 750W M149 277/347/480V KIT	60 Hz	277/34/480 V
71A6452001D	CORE & COIL HID MH BAL 750W M149 5-TAP KIT	60 Hz	120/208/240/277/480 V
71A6593001	CORE & COIL HID MH BAL 1000W M141 QUAD KIT	60 Hz	120/208/240/277 V
71A6792500A	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	60 Hz	120/208/240/277 V
71A6543500A	CORE & COIL HID MH BAL 1000W M141 480V C&C	60 Hz	480 V

General Information

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Order Code	Full Product Name	Capacitor Value	Number Of Lamps	Lamp Type
71A6592500	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	24 MFD	1 piece/unit	1000W MH
71A65N2500	CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	26 MFD	1 piece/unit	1000W MH
71A6742610	CORE & COIL HID MH BAL 1500W M48 480V C&C	32 MFD	1 piece/unit	1500W MH
71A65F3500T	CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	24 MFD	1 piece/unit	1000W MH
71A6572001	CORE & COIL HID MH BAL 1000W M47 QUAD KIT	24 MFD	1 piece/unit	1000W MH
71A65A2001	CORE & COIL HID MH BAL 1000W M47 120/277/347V KIT	24 MFD	1 piece/unit	1000W MH
71A6542001	CORE & COIL HID MH BAL 1000W M47 480V/120T KIT	24 MFD	1 piece/unit	1000W MH
71A6742001	CORE & COIL HID MH BAL 1500W M48 480V KIT	32 MFD	1 piece/unit	1500W MH
71A6772001	CORE & COIL HID MH BAL 1500W M48 QUAD KIT	32 MFD	1 piece/unit	1500W MH
71A6792500	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	32 MFD	1 piece/unit	1500W MH
71A65F3001	CORE & COIL HID MH BAL 1000W M141 347/480V/120T KIT	24 MFD	1 piece/unit	1000W MH
71A6553001	CORE & COIL HID MH BAL 1000W M141 5-TAP KIT	24 MFD	1 piece/unit	1000W MH
71A6552001CU	CORE & COIL HID MH BAL 1000W M47 5-TAP KIT (ALL CU)	24 MFD	1 piece/unit	1000W MH

Order Code	Full Product Name	Capacitor Value	Number Of Lamps	Lamp Type
71A6552001	CORE & COIL HID MH BAL 1000W M47 5-TAP KIT	24 MFD	1 piece/unit	1000W MH
71A6552500	CORE & COIL HID MH BAL 1000W M47 5-TAP C&C	24 MFD	1 piece/unit	1000W MH
71A6590500	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	-	-	-
71A6590500ML	CORE & COIL HID MH BAL 1000W M47 QUAD C&C	-	-	-
71A65N2510	CORE & COIL HID MH BAL 1000W M47 120/220/240V 50HZ C&C	26 MFD	1 piece/unit	1000W MH
71A6792510	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	32 MFD	1 piece/unit	1500W MH
71A6742500T	CORE & COIL HID MH BAL 1500W M48 480V/120T C&C	32 MFD	1 piece/unit	1500W MH
71A6542500ML	CORE & COIL HID MH BAL 1000W M47 480V C&C	24 MFD	1 piece/unit	1000W MH
71A65F1600T	CORE & COIL HID MH BAL 1000W M141 347/480V/120T C&C	24 MFD	1 piece/unit	1000W MH
71A64F2001D	CORE & COIL HID MH BAL 750W M149 277/347/480V KIT	28 MFD	1 piece/unit	750W MH
71A6452001D	CORE & COIL HID MH BAL 750W M149 5-TAP KIT	28 MFD	1 piece/unit	750W MH
71A6593001	CORE & COIL HID MH BAL 1000W M141 QUAD KIT	24 MFD	1 piece/unit	1000W MH
71A6792500A	CORE & COIL HID MH BAL 1500W M48 QUAD C&C	32 MFD	1 piece/unit	1500W MH
71A6543500A	CORE & COIL HID MH BAL 1000W M141 480V C&C	24 MFD	1 piece/unit	1000W MH

