



Reliable performance

Core & Coil (71A) MH ~LT~ 175W

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

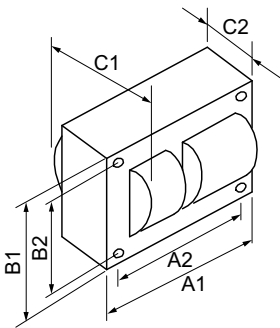
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Versions



71A53N0500D

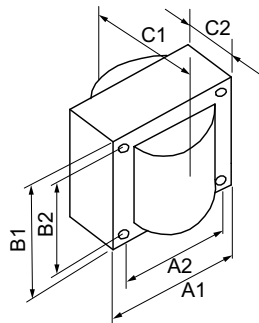
Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 70W M139 120/277/347V C&C	2.80 in	1.5 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 50W M110 120/277V KIT	2.23 in	1.18 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 150W M102/142 QUAD KIT	3.90 in	2.25 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 150W M102/142 480V/120T C&C	3.92 in	2.8 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 35/39W M130 120/277V KIT	2.1 in	0.8 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 50W M110 QUAD KIT	2.23 in	1.18 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 150W M102/142 120/277/347V C&C	3.87 in	2.25 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 100W M90/140 120/277/347V C&C	2.9 in	1.7 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 70W M98/143 QUAD KIT	2.88 in	1.44 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 100W M90/140 120/277/347V KIT	2.9 in	1.7 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 100W M90/140 QUAD KIT	3.07 in	1.5 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 100W M90/140 480V/120T C&C	2.9 in	1.7 in	3.9 in	3.5 in	2.8 in	2.4 in
CORE & COIL HID MH BAL 70W M98/143 120/277/347V KIT	2.75 in	1.45 in	3.9 in	3.5 in	2.8 in	2.4 in

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Dimensional drawing



Operating and Electrical

Input Frequency 60 Hz

General Information

Number Of Lamps 1 piece/unit

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 100W M90/140 277V C&C	3.1 in	1.8 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID MH BAL 70W M98/143 277V C&C	2.9 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID MH BAL 100W M90/140 277V C&C	3.1 in	1.8 in	2.6 in	2.2 in	2.2 in	1.8 in
CORE & COIL HID MH BAL 35/39W M130 277V C&C	2.7 in	0.95 in	2.6 in	2.2 in	2.2 in	1.8 in

Operating and Electrical

Order Code	Full Product Name	Input Voltage
71A5037500DBP	CORE & COIL HID MH BAL 35/39W M130 277V C&C	277 V
71A52A2001D	CORE & COIL HID MH BAL 70W M98/143 120/277/347V KIT	120/277/347 V
71A5337500DBP	CORE & COIL HID MH BAL 100W M90/140 277V C&C	277 V
71A5340500DT	CORE & COIL HID MH BAL 100W M90/140 480V/120T C&C	480 V
71A5390001D	CORE & COIL HID MH BAL 100W M90/140 QUAD KIT	120/208/240/277 V
71A53A0001D	CORE & COIL HID MH BAL 100W M90/140 120/277/347V KIT	120/277/347 V
71A5237500DBP	CORE & COIL HID MH BAL 70W M98/143 277V C&C	277 V
71A5292001D	CORE & COIL HID MH BAL 70W M98/143 QUAD KIT	120/208/240/277 V
71A53A0500D	CORE & COIL HID MH BAL 100W M90/140 120/277/347V C&C	120/277/347 V

Order Code	Full Product Name	Input Voltage
71A54A2500D	CORE & COIL HID MH BAL 150W M102/142 120/277/347V C&C	120/277/347 V
71A5191001D	CORE & COIL HID MH BAL 50W M110 QUAD KIT	120/208/240/277 V
71A5081001D	CORE & COIL HID MH BAL 35/39W M130 120/277V KIT	120/277 V
71A5337510DBP	CORE & COIL HID MH BAL 100W M90/140 277V C&C	277 V
71A5442500DT	CORE & COIL HID MH BAL 150W M102/142 480V/120T C&C	480 V
71A5492001D	CORE & COIL HID MH BAL 150W M102/142 QUAD KIT	120/208/240/277 V
71A5181001D	CORE & COIL HID MH BAL 50W M110 120/277V KIT	120/277 V
71A52A1500D	CORE & COIL HID MH BAL 70W M139 120/277/347V C&C	120/277/347 V

General Information

Order Code	Full Product Name	Capacitor Value	Lamp Type
71A5037500DBP	CORE & COIL HID MH BAL 35/39W M130 277V C&C	5 MFD	35/39W MH
71A52A2001D	CORE & COIL HID MH BAL 70W M98/143 120/277/347V KIT	8 MFD	70W MH
71A5337500DBP	CORE & COIL HID MH BAL 100W M90/140 277V C&C	10 MFD	100W MH

Order Code	Full Product Name	Capacitor Value	Lamp Type
71A5340500DT	CORE & COIL HID MH BAL 100W M90/140 480V/120T C&C	10 MFD	100 MH
71A5390001D	CORE & COIL HID MH BAL 100W M90/140 QUAD KIT	12 MFD	100 MH
71A53A0001D	CORE & COIL HID MH BAL 100W M90/140 120/277/347V KIT	12 MFD	100 MH

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Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
71A5237500DBP	CORE & COIL HID MH BAL 70W M98/143 277V C&C	8 MFD	70W MH
71A5292001D	CORE & COIL HID MH BAL 70W M98/143 QUAD KIT	8 MFD	70W MH
71A53A0500D	CORE & COIL HID MH BAL 100W M90/140 120/277/347V C&C	12 MFD	100 MH
71A54A2500D	CORE & COIL HID MH BAL 150W M102/142 120/277/347V C&C	16 MFD	150 MH
71A5191001D	CORE & COIL HID MH BAL 50W M110 QUAD KIT	6 MFD	50W MH
71A5081001D	CORE & COIL HID MH BAL 35/39W M130 120/277V KIT	5 MFD	35/39W MH

Order Code	Full Product Name	Capacitor	
		Value	Lamp Type
71A5337510DBP	CORE & COIL HID MH BAL 100W M90/140 277V C&C	10 MFD	100W MH
71A5442500DT	CORE & COIL HID MH BAL 150W M102/142 480V/120T C&C	16 MFD	150 MH
71A5492001D	CORE & COIL HID MH BAL 150W M102/142 QUAD KIT	16 MFD	150 MH
71A5181001D	CORE & COIL HID MH BAL 50W M110 120/277V KIT	6 MFD	50W MH
71A52A1500D	CORE & COIL HID MH BAL 70W M139 120/277/347V C&C	8 MFD	70W MH

