

PHILIPS

Lighting



Core & Coil (71A) MH 175W - 450W

CORE & COIL HID MH BAL 320W M132/154 480V/120T KIT

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	M132-M154
Lamp Type	320W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A5842TA
Core Size	4 1/4 x 4 3/4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	21 MFD
Capacitor Catalog Number	7C210P40R
Capacitor Requirements	345V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.75 in
Capacitor Height	4.80 in
Automatic Restart	No

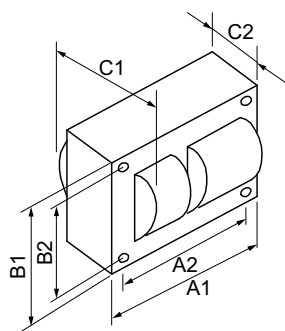
Operating and Electrical	
Input Voltage	480/120T V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	0.6 A
Input Current (Starting)	0.45 A
Input Current (Short Circuit)	0.45-0.75 A
Secondary Short Circuit Current	2.9-3.6 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	275 V
Input Current (Operating) (Nom)	0.8 A A
Input Power (Nom)	368 W
Rated Lamp Watts	320 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	260-310 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data	
Order product name	CORE & COIL HID MH BAL 320W M132/154 480V/120T KIT
EAN/UPC - Product	781087037102
Order code	71A5842001DT
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710613202
Net Weight (Piece)	5.085 kg

Dimensional drawing



MH BAL 320W M132/154 480V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 320W M132/154 480V/120T KIT	3.65 in	1.77 in	4.8 in	4.4 in	4.3 in	3.9 in

