PHILIPS Lighting



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

CORE & COIL HID MH BAL 70W M98/143 QUAD 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	M98-M143
Lamp Type	70W MH
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A5292
Core Size	3 X 4 (2 LW)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	8 MFD
Capacitor Catalog Number	7C080L30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval	1.25 in
Dimensions	
Capacitor Height	2.75 in
Automatic Restart	No

Operating and Electrical						
Input Voltage	120/208/240/277 V					
Input Frequency	60 Hz					
Input Current (Open Circuit)	1.66/0.97/0.83/0.73 A					
Input Current (Starting)	0.71/0.41/0.4/0.3 A					
Input Current (Short Circuit)	0.65-0.98/0.4-0.6/0.32-0.49/0.29-0.44 A					
Secondary Short Circuit Current	1.03-1.26 A					
Constant Wattage Deviation	7%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	255 V					
Input Current (Nom)	0.85/0.49/0.42/0.37 A A					
Input Power (Nom)	92 W					
Rated Lamp Power	70 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					

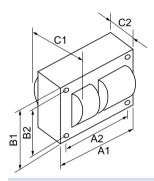
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Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance	15'
Remote Wiring	
Recommended Fuse Value	4/3/2/2 A
Approval and Application	
Open Circuit Voltage Test (Volts)	230-280 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	Α/Α/Α
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V

UL Insulation Class	H(180°C)	
UL Temperature Code	1029A	
Product Data		

Order product name	CORE & COIL HID MH BAL 70W M98/143 QUAD				
EAN/UPC - Product	781087050729				
Order code	913700571809				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	1				
Material Nr. (12NC)	913700571809				
Net Weight (Piece)	2.486 kg				

Dimensional drawing



MH BAL 70W M98/143 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 70W	2.88 in	1.44 in	3.9 in	3.5 in	2.8 in	2.4 in
M98/143 QUAD KIT						



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