PHILIPS Lighting



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

CORE & COIL HID MH BAL 100W M90/140 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	M90-M140
Lamp Type	100 MH
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A5390
Core Size	3 X 4 (2 LW)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI533-H4
Ignitor Temperature Rating	105°C
Capacitor Value	12 MFD
Capacitor Catalog Number	7C120M30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval	1.65 in
Dimensions	
Capacitor Height	2.75 in
Automatic Restart	No

Operating and Electrical						
Input Voltage	120/208/240/277 V					
Input Frequency	60 Hz					
Inp. Current (Open Circuit)	2.5/1.5/1.3/1.12 A					
Input Current (Starting)	1.24/0.54/0.45/0.4 A					
Input Current (Short Circuit)	0.63-0.95/0.43-0.65/0.37-0.55/0.29-0.44 A					
Secondary Short Circuit Current	1.35-1.7 A					
Constant Wattage Deviation	12%					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Nominal Open Circuit Voltage	260 V					
Input Current (Operating) (Nom)	1.15/0.66/0.58/0.5 A A					
Input Power (Nom)	129 W					
Rated Lamp Watts	100 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					

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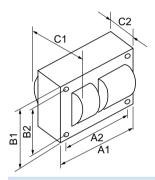
Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance	20'
Remote Wiring	
Recommended Fuse Value	10/5/5/4 A
Approval and Application	
Open Circuit Voltage Test (Volts)	240-300 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	B/B/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V

UL Insulation Class	H(180°C)
UL Temperature Code	1029B
Product Data	
Order product name	CORE & COIL HID MH BAL 100W M90/140 QUAD KIT
EAN/UPC - Product	781087017838
Order code	71A5390001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700533009

2.541 kg

Net Weight (Piece)

Dimensional drawing



MH BAL 100W 90/140 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 100W	3.07 in	1.5 in	3.9 in	3.5 in	2.8 in	2.4 in
M90/140 QUAD KIT						



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