

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

CORE & COIL HID MH BAL 70W M98/143 120V C&C

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 |
| Lamp Type | 70W MH |
| Number of Lamps | 1 piece/unit |
| Circuit Type | HX-PFC |
| Ballast Type | Magnetic HID |
| Base Model | 71A5205P |
| Core Size | 2 X 4 |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | LI533-H4 |
| Ignitor Temperature Rating | 105°C |
| Capacitor Value | 36 MFD |
| Capacitor Catalog Number | 7C360M12RA |
| Capacitor Requirements | 120V |
| Capacitor Temperature Rating | 105°C |
| Capacitor Diameter/Oval Dimensions | 1.65 in |
| Capacitor Height | 2.75 in |
| Automatic Restart | No |

| Operating and Electrical | |
|---------------------------------|-------------|
| Input Voltage | 120 V |
| Input Frequency | 60 Hz |
| Inp. Current (Open Circuit) | 1.4 A |
| Input Current (Starting) | 1 A |
| Input Current (Short Circuit) | 0.75-1.15 A |
| Secondary Short Circuit Current | 0.85-1.25 A |
| Constant Wattage Deviation | 10% |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.87 |
| Nominal Open Circuit Voltage | 255 V |
| Input Current (Operating) (Nom) | 0.85 A A |
| Input Power (Nom) | 94 W |
| Rated Lamp Watts | 70 W |

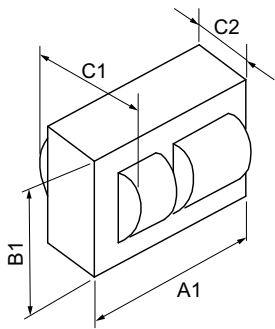
| Wiring | |
|-------------------------------------|----------|
| Wire Striplength | 0.5 mm |
| Wire Length by Color | 12" |
| Wire Type | Stranded |
| Remote Wiring Configuration Allowed | Yes |

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|---|------------------------------------|
| Max Ballast-Lamp Distance Remote Wiring | 10' |
| Recommended Fuse Value | 4 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 230-280 V |
| Approbation Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | B |
| 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 70W M98/143 120V C&C |
| EAN/UPC - Product | 781087105092 |
| Order code | 71A5205500DP |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 12 |
| Material Nr. (12NC) | 913700531109 |
| Net Weight (Piece) | 1.765 kg |

Dimensional drawing



MH BAL 70W M98/143 120V C&C

| Product | C1 | C2 | A1 | B1 |
|------------------------------|---------|--------|--------|--------|
| CORE & COIL HID 71A5205500DP | 2.65 in | 1.5 in | 4.2 in | 2.2 in |

