



Core & Coil (71A) MH 175W – 450W

CORE & COIL HID MH BAL 400W M59 120/220-240V 50HZ 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 | M59 |
| Lamp Type | 400W MH |
| Number of Lamps | 1 piece/unit |
| Circuit Type | CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A60N1 |
| Core Size | 4 1/4 x 4 3/4 (2 coil) |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | NA |
| Ignitor Temperature Rating | NA |
| Capacitor Value | 24 MFD |
| Capacitor Catalog Number | MD2409100 |
| Capacitor Requirements | 450V |
| Capacitor Temperature Rating | 90°C |
| Capacitor Diameter/Oval Dimensions | 1.75 in |
| Capacitor Height | 3.9 in |
| Automatic Restart | No |

| Operating and Electrical | |
|---------------------------------|-------------------|
| Input Voltage | 120/220-240 V |
| Input Frequency | 50 Hz |
| Inp. Current (Open Circuit) | 4.1/2.1 A |
| Input Current (Starting) | 2.7/1.4 A |
| Input Current (Short Circuit) | 5.3-8.1/2.8-4.2 A |
| Secondary Short Circuit Current | 4.9-6.1 A |
| Constant Wattage Deviation | 10% |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Nominal Open Circuit Voltage | 320 V |
| Input Current (Operating) (Nom) | 4.1/2.1 A A |
| Input Power (Nom) | 462 W |
| Rated Lamp Watts | 400 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 Determined by AWG used | |
| Recommended Fuse Value | 10/6 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 315-385 V |
| Approbation Marks | RoHS Compliant CSA certificate |
| Temperature Marking | D/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 |

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|---------------------------------|--|
| Product Data | |
| Order product name | CORE & COIL HID MH BAL 400W M59 120/220-240V 50HZ C&C |
| EAN/UPC - Product | 781087020722 |
| Order code | 71A60N1500 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 913700565909 |
| Net Weight (Piece) | 6.383 kg |

Dimensional drawing



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| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|----------------------------|--------|---------|--------|--------|--------|--------|
| CORE & COIL HID 71A60N1500 | 3.7 in | 2.15 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |

