



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

CORE & COIL HID MH BAL 400W M59 5-TAP 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

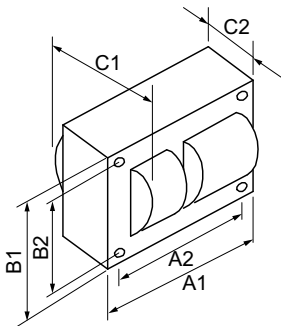
| General Information | | Electrical | |
|------------------------------------|------------------------|-------------------------------------|--|
| ANSI Code | M59 | Input Frequency | 60 Hz |
| Lamp Type | 400W MH | Inp. Current (Open Circuit) | 2.86/1.45/1.29/1.1/0.62 A |
| Number of Lamps | 1 piece/unit | Input Current (Starting) | 3.51/2.0/1.72/1.49/0.86 A |
| Circuit Type | CWA | Input Current (Short Circuit) | 2.7-4.05/1.56-2.34/1.29-1.92/1.17-1.76/0.68-1.02 A |
| Ballast Type | Magnetic HID | Secondary Short Circuit Current | 3.04-4.56 A |
| Base Model | 71A6051 | Constant Wattage Deviation | 10% |
| Core Size | 4 1/4 x 4 3/4 (2 coil) | Ballast Factor (Nom) | 1 |
| Suitable For Outdoor Use | Yes | Power Factor (Nom) | 0.90 |
| Ignitor Catalog Number | NA | Nominal Open Circuit Voltage | 300 V |
| Ignitor Temperature Rating | NA | Input Current (Operating) (Nom) | 4.13/2.29/2.2/1.72/0.99 A A |
| Capacitor Value | 24 MFD | Input Power (Nom) | 455 W |
| Capacitor Catalog Number | 7C240P40R | Rated Lamp Watts | 400 W |
| Capacitor Requirements | 400V | Wiring | |
| Capacitor Temperature Rating | 105°C | Wire Striplength | 0.5 mm |
| Capacitor Diameter/Oval Dimensions | 1.75 in | Wire Length by Color | 12" |
| Capacitor Height | 4.8 in | Wire Type | Stranded |
| Automatic Restart | No | Remote Wiring Configuration Allowed | Yes |
| Operating and Electrical | | Max Ballast-Lamp Distance Remote | Determined by AWG used |
| Input Voltage | 120/208/240/277/480 V | Wiring | |

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| Recommended Fuse Value | 10/7/5/5/3 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 280-320 V |
| Approbation Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | C/C/D/C/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 5-TAP KIT |
| EAN/UPC - Product | 781087110379 |
| Order code | 71A6051001D |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 913710414201 |
| Net Weight (Piece) | 5.938 kg |

Dimensional drawing



MH BAL 400W M59 5-TAP KIT

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|---|---------|---------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 400W M59 5-TAP KIT | 4.45 in | 2.34 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |

