



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

CORE & COIL HID MH BAL 400W M59 480V/120T 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 | M59 | | | | |
| Lamp Type | 400W MH | | | | |
| Number of Lamps | 1 piece/unit | | | | |
| Circuit Type | CWA | | | | |
| Ballast Type | Magnetic HID | | | | |
| Base Model | 71A6041TA | | | | |
| 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 | 7C240P40R | | | | |
| Capacitor Requirements | 400V | | | | |
| Capacitor Temperature Rating | 105°C | | | | |
| Capacitor Diameter/Oval Dimensions | 1.75 in | | | | |
| Capacitor Height | 4.8 in | | | | |
| Automatic Restart | No | | | | |
| | | | | | |

| Operating and Electrical | | | |
|-------------------------------------|------------|--|--|
| Input Voltage | 480/120T V | | |
| Input Frequency | 60 Hz | | |
| Inp. Current (Open Circuit) | 0.75 A | | |
| Input Current (Starting) | 0.9 A | | |
| Input Current (Short Circuit) | 0.6-0.95 A | | |
| Secondary Short Circuit Current | 3.5-4.3 A | | |
| Constant Wattage Deviation | 10% | | |
| Ballast Factor (Nom) | 1 | | |
| Power Factor (Nom) | 0.90 | | |
| Nominal Open Circuit Voltage | 300 V | | |
| Input Current (Operating) (Nom) | 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 | | |

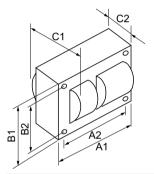
Datasheet, 2019, March 22 data subject to change

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| Max Ballast-Lamp Distance Remote Wiring Determined by AWG used | | | | | |
|--|------------------------------------|--|--|--|--|
| Recommended Fuse Value | 3 A | | | | |
| | | | | | |
| Approval and Application | | | | | |
| Open Circuit Voltage Test (Volts) | 270-330 V | | | | |
| Approbation Marks | ULR CSA certificate RoHS Compliant | | | | |
| Temperature Marking | E | | | | |
| UL Recognized | Yes | | | | |
| Hipot Test (1 Minute) | 2000 V | | | | |
| Hipot Test (2 Seconds) | 2500 V | | | | |
| UL Insulation Class | H(180°C) | | | | |
| UL Temperature Code | 1029E | | | | |
| | | | | | |

| Product Data | | | |
|---------------------------------|---------------------------------|--|--|
| Order product name | CORE & COIL HID MH BAL 400W M59 | | |
| | 480V/120T KIT | | |
| EAN/UPC - Product | 781087096505 | | |
| Order code | 71A6041001D | | |
| Numerator - Quantity Per Pack | 1 | | |
| Numerator - Packs per outer box | 1 | | |
| Material Nr. (12NC) | 913700535709 | | |
| Net Weight (Piece) | 5.729 kg | | |

Dimensional drawing



MH BAL 400W M59 480V/120T KIT

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|---------------------------------|------|---------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 400W M59 | 4 in | 2.13 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |
| 480V/120T KIT | | | | | | |



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