



Core & Coil (71A) MH ~GT~ 450W

CORE & COIL HID MH BAL 1000W M47 120/277/347V 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

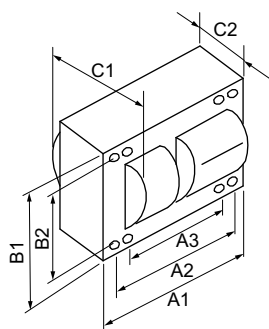
| General Information | | Operating and Electrical | |
|------------------------------------|--------------------|-------------------------------------|-------------------------|
| ANSI Code | M47 | Input Voltage | 120/277/347 V |
| Lamp Type | 1000W MH | Input Frequency | 60 Hz |
| Number of Lamps | 1 piece/unit | Input Current (Open Circuit) | 4.5/2.2/1.7 A |
| Circuit Type | CWA | Input Current (Starting) | 7.8/3.2/2.5 A |
| Ballast Type | Magnetic HID | Input Current (Short Circuit) | 4.8-7.3/2-3.1/1.6-2.6 V |
| Base Model | 71A65A2 | Secondary Short Circuit Current | 5.2-6.4 A |
| Core Size | 4 1/4 x 6 (2 Coil) | Constant Wattage Deviation | 10% |
| Suitable For Outdoor Use | Yes | Ballast Factor (Nom) | 1 |
| Ignitor Catalog Number | NA | Power Factor (Nom) | 0.90 |
| Ignitor Temperature Rating | NA | Open Circuit Voltage | 430 V |
| Capacitor Value | 24 MFD | Input Current (Nom) | 9/3.9/3.2 A A |
| Capacitor Catalog Number | MD2409000 | Input Power (Nom) | 1080 W |
| Capacitor Requirements | 480V | Rated Lamp Power | 1000 W |
| Capacitor Temperature Rating | 90°C | | |
| Capacitor Diameter/Oval Dimensions | 1.75 in | Wiring | |
| Capacitor Height | 3.9 in | Wire Striplength | 0.5 mm |
| Automatic Restart | No | Wire Length by Color | 12" |
| | | Wire Type | Stranded |
| | | Remote Wiring Configuration Allowed | Yes |

Core & Coil (71A) MH ~GT~ 450W

| | |
|----------------------------------------------------------------|------------------------------------|
| Max Ballast-Lamp Distance Remote Wiring Determined by AWG used | |
| Recommended Fuse Value | 20/10/8 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 385-475 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | D/C/C |
| 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 |

| | |
|---------------------------------|------------------------------------------------------|
| Product Data | |
| Order product name | CORE & COIL HID MH BAL 1000W M47 120/277/347V C&C |
| EAN/UPC - Product | 781087021965 |
| Order code | 913700500661 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 913700500661 |
| Net Weight (Piece) | 9.267 kg |

Dimensional drawing



MH BAL 1000W M47 120/277/347V C&C

| Product | C1 | C2 | A1 | A2 | A3 | B1 | B2 |
|------------------------------------------------------|--------|--------|------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 1000W M47 120/277/347V C&C | 4.5 in | 2.8 in | 6 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in |

