



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

CORE & COIL HID 71A65N2500

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 | M47 |
| Lamp Type | 1000W MH |
| Number Of Lamps | 1 piece/unit |
| Circuit Type | CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A65N2 |
| Core Size | 4 1/4 x 6 (2 Coil) |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | NA |
| Ignitor Temperature Rating | NA |
| Capacitor Value | 26 MFD |
| Capacitor Catalog Number | MD2602100 |
| Capacitor Requirements | 525V |
| Capacitor Temperature Rating | 90°C |
| Capacitor Diameter/Oval Dimensions | 1.75 in |
| Capacitor Height | 5.3 in |
| Automatic Restart | No |

| Operating and Electrical | |
|---------------------------------|---------------------|
| Input Voltage | 120/220/240 V |
| Input Frequency | 50 Hz |
| Input Current (Open Circuit) | 4/2.1/2 A |
| Input Current (Starting) | 8.2/4.5/4.1 A |
| Input Current (Short Circuit) | 12-18/6.5-9.8/6-9 V |
| Secondary Short Circuit Current | 7.7-9.4 A |
| Constant Wattage Deviation | 10% |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Open Circuit Voltage | 450 V |
| Input Current (Nom) | 9.3/5/4.5 A A |
| Input Power (Nom) | 1090 W |
| Rated Lamp Power | 1000 W |

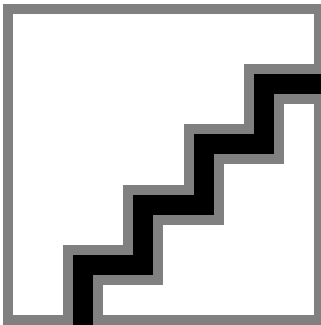
| Wiring | |
|-------------------------------------|----------|
| Wire Striplength | 0.5 mm |
| Wire Length By Color | 12" |
| Wire Type | Stranded |
| Remote Wiring Configuration Allowed | Yes |

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| Max Ballast-Lamp Distance Remote Wiring | Determined by AWG used |
| Recommended Fuse Value | 24/13/13 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 430-520 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 |

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| Product Data | |
| Order product name | CORE & COIL HID 71A65N2500 |
| EAN/UPC - Product | 781087058244 |
| Order code | 913700504291 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 913700504291 |
| Net Weight (Piece) | 10.465 kg |

Dimensional drawing



MH BAL 1000W M47 120/220/240V 50HZ C&C

| Product | C1 | C2 | A1 | A2 | A3 | B1 | B2 |
|----------------------------|------|------|------|--------|--------|--------|--------|
| CORE & COIL HID 71A65N2500 | 5 in | 3 in | 6 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in |

