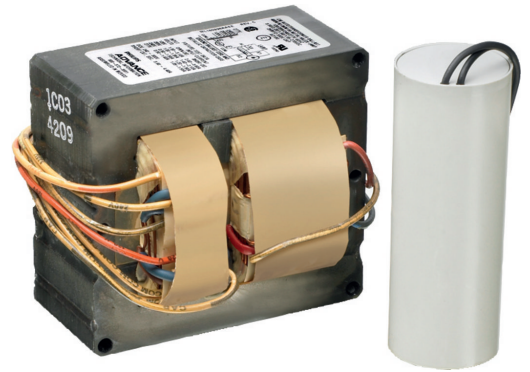




# Core & Coil (71A) MH ~GT~ 450W

## CORE & COIL HID MH BAL 1500W M48 QUAD 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

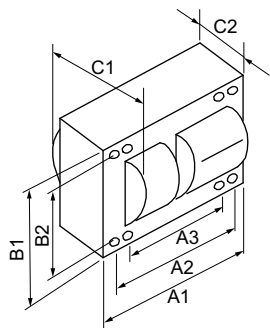
| General Information                |                   |                                     |                                    |
|------------------------------------|-------------------|-------------------------------------|------------------------------------|
| ANSI Code                          | M48               | Input Frequency                     | 60 Hz                              |
| Lamp Type                          | 1500W MH          | Input Current (Open Circuit)        | 4.8/2.5/2.2/2 A                    |
| Number of Lamps                    | 1 piece/unit      | Input Current (Starting)            | 13.4/7.7/6.7/5.7 A                 |
| Circuit Type                       | CWA               | Input Current (Short Circuit)       | 9.8-14.8/5.6-8.3/5.2-7.8/4.4-6.7 V |
| Ballast Type                       | Magnetic HID      | Secondary Short Circuit Current     | 7.4-9 A                            |
| Base Model                         | 71A6792           | Constant Wattage Deviation          | 12%                                |
| Core Size                          | 4 1/4 x 6         | Ballast Factor (Nom)                | 1                                  |
| Suitable For Outdoor Use           | Yes               | Power Factor (Nom)                  | 0.90                               |
| Ignitor Catalog Number             | NA                | Open Circuit Voltage                | 450 V                              |
| Ignitor Temperature Rating         | NA                | Input Current (Nom)                 | 13.5/7.8/6.75/5.85 A A             |
| Capacitor Value                    | 32 MFD            | Input Power (Nom)                   | 1605 W                             |
| Capacitor Catalog Number           | MD3202100         | Rated Lamp Power                    | 1500 W                             |
| Capacitor Requirements             | 525V              | Wiring                              |                                    |
| Capacitor Temperature Rating       | 90°C              | Wire Striplength                    | 0.5 mm                             |
| Capacitor Diameter/Oval Dimensions | 2 in              | Wire Length by Color                | 12"                                |
| Capacitor Height                   | 3.75 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 V | Wiring                              |                                    |

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|                                   |                                    |
|-----------------------------------|------------------------------------|
| Recommended Fuse Value            | 30/25/20/15 A                      |
| <b>Approval and Application</b>   |                                    |
| Open Circuit Voltage Test (Volts) | 405-495 V                          |
| Approval Marks                    | ULR CSA certificate RoHS Compliant |
| Temperature Marking               | G/E/E/G                            |
| UL Recognized                     | Yes                                |
| Hipot Test (1 Minute)             | 2000 V                             |
| Hipot Test (2 Seconds)            | 2500 V                             |
| UL Insulation Class               | H(180°C)                           |
| UL Temperature Code               | 1029G                              |

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| <b>Product Data</b>             |                                           |
| Order product name              | CORE & COIL HID MH BAL 1500W M48 QUAD C&C |
| EAN/UPC - Product               | 781087023099                              |
| Order code                      | 913710475602                              |
| Numerator - Quantity Per Pack   | 1                                         |
| Numerator - Packs per outer box | 2                                         |
| Material Nr. (12NC)             | 913710475602                              |
| Net Weight (Piece)              | 14.048 kg                                 |

### Dimensional drawing



MH BAL 1500W M48 QUAD C&C

| Product                                   | C1      | C2      | A1   | A2     | A3     | B1     | B2     |
|-------------------------------------------|---------|---------|------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 1500W M48 QUAD C&C | 6.10 in | 4.10 in | 6 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in |

