

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

CORE & COIL HID 71A6552001

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 | | Input Frequency | |
|------------------------------------|-----------------------|---|---|
| ANSI Code | M47 | Input Frequency | 60 Hz |
| Lamp Type | 1000W MH | Input Current (Open Circuit) | 4.96/3.84/2.77/2.35/1.37 A |
| Number of Lamps | 1 piece/unit | Input Current (Starting) | 5.77/2.91/2.78/2.39/1.38 A |
| Circuit Type | CWA | Input Current (Short Circuit) | 4.36-6.64/2.14-3.2/2.1-3.14/1.82-2.74/1.04-1.56 V |
| Ballast Type | Magnetic HID | Secondary Short Circuit Current | 5.22-6.38 A |
| Base Model | 71A6552 | Constant Wattage Deviation | 10% |
| Core Size | 4 1/4 x 6 (2 Coil) | Ballast Factor (Nom) | 1 |
| Suitable For Outdoor Use | Yes | Power Factor (Nom) | 0.90 |
| Ignitor Catalog Number | NA | Open Circuit Voltage | 430 V |
| Ignitor Temperature Rating | NA | Input Current (Nom) | 9.2/5.8/4.8/4.1/2.4 A A |
| Capacitor Value | 24 MFD | Input Power (Nom) | 1080 W |
| Capacitor Catalog Number | MD2409000 | Rated Lamp Power | 1000 W |
| Capacitor Requirements | 480V | Wiring | |
| Capacitor Temperature Rating | 90°C | Wire Striplength | 0.5 mm |
| Capacitor Diameter/Oval Dimensions | 1.75 in | Wire Length by Color | 12" |
| Capacitor Height | 3.90 in | Wire Type | Stranded |
| Automatic Restart | No | Remote Wiring Configuration Allowed | Yes |
| Operating and Electrical | | Max Ballast-Lamp Distance Remote Wiring | Determined by AWG used |
| Input Voltage | 120/208/240/277/480 V | Recommended Fuse Value | 25/15/12/10/6 A |

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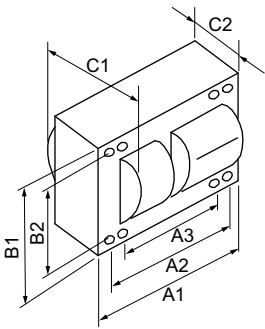
Approval and Application

| | |
|-----------------------------------|------------------------------------|
| Open Circuit Voltage Test (Volts) | 387-473 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | A/A/A/A/A |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | N(AC200°C) |
| UL Temperature Code | 1029A |

Product Data

| | |
|---------------------------------|----------------------------|
| Order product name | CORE & COIL HID 71A6552001 |
| EAN/UPC - Product | 781087111833 |
| Order code | 913710401201 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 913710401201 |
| Net Weight (Piece) | 11.762 kg |

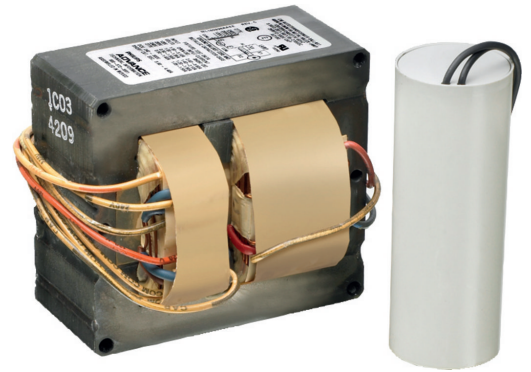
Dimensional drawing



MH BAL 1000W M47 5-TAP KIT

| Product | C1 | C2 | A1 | A2 | A3 | B1 | B2 |
|----------------------------|--------|---------|------|--------|--------|--------|--------|
| CORE & COIL HID 71A6552001 | 5.6 in | 3.90 in | 6 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in |





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| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | NA |
| Ignitor Temperature Rating | NA |
| Capacitor Value | 24 MFD |
| Capacitor Catalog Number | MD2409000 |
| Capacitor Requirements | 480V |
| Capacitor Temperature Rating | 90°C |
| Capacitor Diameter/Oval Dimensions | 1.75 in |
| Capacitor Height | 3.90 in |
| Automatic Restart | No |
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| Input Voltage | 120/208/240/277/480 V |

| Input Frequency | 60 Hz |
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| Wire Length by Color | 12" |
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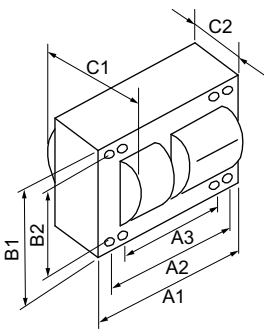
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