



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

CORE & COIL HID MH BAL 1000W M141 5-TAP 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 | M141 |
| Lamp Type | 1000W MH |
| Number of Lamps | 1 piece/unit |
| Circuit Type | SUPER-CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A6553 |
| Core Size | 4 1/4 x 6 (2 Coil) |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | LI572-H5 |
| Ignitor Temperature Rating | 105°C |
| Capacitor Value | 24 MFD |
| Capacitor Catalog Number | MD2409000 |
| Capacitor Requirements | 480V |
| Capacitor Temperature Rating | 90°C |
| Capacitor Diameter/Oval Dimension | s 1.75 in |
| Capacitor Height | 3.9 in |
| Automatic Restart | No |
| | |
| Operating and Electrical | |
| Input Voltage | 120/208/240/277/480 V |

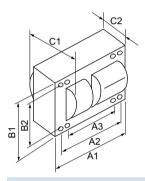
| Input Frequency | 60 Hz |
|----------------------------------|---|
| Input Current (Open Circuit) | 5.16/4.3/3.09/2.61/1.6 A |
| Input Current (Starting) | 6/2.82/3/2.3/1.53 A |
| Input Current (Short Circuit) | 4.35-6.52/2.16-3.24/2.04-3.06/1.8-2.71/1-1.51 V |
| Secondary Short Circuit Current | 4.97-6.08 A |
| Constant Wattage Deviation | 10% |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.96 |
| Open Circuit Voltage | 426 V |
| Input Current (Nom) | 9.05/5.6/4.7/4.07/2.36 A A |
| Input Power (Nom) | 1080 W |
| Rated Lamp Power | 1000 W |
| | |
| Wiring | |
| Wire Striplength | 0.5 mm |
| Wire Length by Color | 12" |
| Wire Type | Stranded |
| Remote Wiring Configuration | Yes |
| Allowed | |
| Max Ballast-Lamp Distance Remote | 5' |
| Wiring | |
| | |

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| Recommended Fuse Value | 22/15/12/10/6 A |
|-----------------------------------|------------------------------------|
| | |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 383-468 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | D/D/B/B/B |
| 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 M141 5-TAP KIT |
| EAN/UPC - Product | 781087091746 |
| Order code | 913701121502 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 913701121502 |
| Net Weight (Piece) | 10.873 kg |

Dimensional drawing



MH BAL 1000W M141 5-TAP KIT

| Product | C1 | C2 | A1 | A2 | A3 | B1 | B2 | |
|-----------------------------------|--------|------|------|--------|--------|--------|--------|--|
| CORE & COIL HID MH BAL 1000W M141 | 4.7 in | 3 in | 6 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in | |
| 5-TAP KIT | | | | | | | | |



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www.lighting.philips.com 2019, March 22 - data subject to change