

Core & Coil (71A) MH 175W - 450W

CORE & COIL HID MH BAL 175W M57 120/277/347V 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 | M57-M107 |
| Lamp Type | 175/150W MH |
| Number of Lamps | 1 piece/unit |
| Circuit Type | CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A55A0 |
| Core Size | 3 X 4 (2 LW) |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | NA |
| Ignitor Temperature Rating | NA |
| Capacitor Value | 10 MFD |
| Capacitor Catalog Number | 7C100M40R |
| Capacitor Requirements | 400V |
| Capacitor Temperature Rating | 105°C |
| Capacitor Diameter/Oval Dimensions | 1.45 in |
| Capacitor Height | 3.75 in |
| Automatic Restart | No |

| Operating and Electrical | |
|---------------------------------|---------------------------------|
| Input Voltage | 120/277/347 V |
| Input Frequency | 60 Hz |
| Input Current (Open Circuit) | 1.91/0.79/0.63 A |
| Input Current (Starting) | 0.94/0.41/0.33 A |
| Input Current (Short Circuit) | 0.78-1.17/0.35-0.52/0.25-0.32 A |
| Secondary Short Circuit Current | 1.51-1.85 A |
| Constant Wattage Deviation | 10% |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Open Circuit Voltage | 305 V |
| Input Current (Nom) | 1.8/0.8/0.62 A A |
| Input Power (Nom) | 213 W |
| Rated Lamp Power | 175/150 W |

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

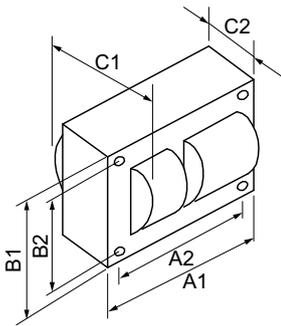
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| | |
|-----------------------------------|------------------------------------|
| Max Ballast-Lamp Distance Remote | Determined by AWG used |
| Wiring | |
| Recommended Fuse Value | 5/3/2 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 275-337 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | C/C/D |
| 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 175W M57 120/277/347V KIT |
| EAN/UPC - Product | 781087096543 |
| Order code | 913700525209 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 913700525209 |
| Net Weight (Piece) | 3.389 kg |

Dimensional drawing



MH BAL 175W M57 120/277/347V KIT

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|---|---------|---------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 175W M57 120/277/347V KIT | 4.02 in | 2.41 in | 3.9 in | 3.5 in | 2.8 in | 2.4 in |

