



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

CORE & COIL HID MH BAL 750W M149 277/347/480V 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 | M149 |
| Lamp Type | 750W MH |
| Number of Lamps | 1 piece/unit |
| Circuit Type | SUPER-CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A64F2 |
| Core Size | 4 1/4 x 6 (2 Coil) |
| Suitable For Outdoor Use | Yes |
| Ignitor Catalog Number | LI573-H5 |
| Ignitor Temperature Rating | 105°C |
| Capacitor Value | 28 MFD |
| Capacitor Catalog Number | 7C280S40 |
| Capacitor Requirements | 400V |
| Capacitor Temperature Rating | 105°C |
| Capacitor Diameter/Oval Dimensions | 2 in |
| Capacitor Height | 4.80 in |
| Automatic Restart | No |

| Operating and Electrical | |
|---------------------------------|---------------------------|
| Input Voltage | 277/34/480 V |
| Input Frequency | 60 Hz |
| Input Current (Open Circuit) | 1.8/1.45/1 A |
| Input Current (Starting) | 2.2/1.65/1.25 A |
| Input Current (Short Circuit) | 1.7-2.6/1.35-2.05/1-1.5 V |
| Secondary Short Circuit Current | 5-6 A |
| Constant Wattage Deviation | 10% |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Open Circuit Voltage | 355 V |
| Input Current (Nom) | 3/2.45/1.75 A A |
| Input Power (Nom) | 818 W |
| Rated Lamp Power | 750 W |

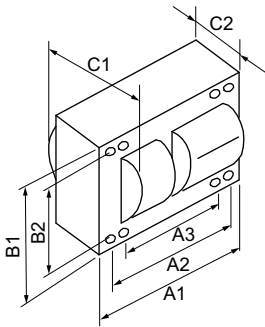
| Wiring | |
|-------------------------------------|----------|
| Wire Striplength | 0.5 mm |
| Wire Length by Color | 12" |
| Wire Type | Stranded |
| Remote Wiring Configuration Allowed | Yes |

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|---|------------------------------------|
| Max Ballast-Lamp Distance Remote Wiring | 15' |
| Recommended Fuse Value | 8/7/5 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 320-390 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | E/E/E |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |
| UL Temperature Code | 1029E |

| | |
|---------------------------------|--|
| Product Data | |
| Order product name | CORE & COIL HID MH BAL 750W M149 277/347/480V KIT |
| EAN/UPC - Product | 781087052198 |
| Order code | 913710605001 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 913710605001 |
| Net Weight (Piece) | 8.587 kg |

Dimensional drawing



MH BAL 750W M149 277/347/480V KIT

| Product | C1 | C2 | A1 | A2 | A3 | B1 | B2 |
|--|---------|---------|------|--------|--------|--------|--------|
| CORE & COIL HID MH BAL 750W M149 277/347/480V KIT | 4.25 in | 2.28 in | 6 in | 5.4 in | 4.4 in | 4.3 in | 3.9 in |

