

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

CORE & COIL HID MH BAL 750W M149 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 | M149 |
| Lamp Type | 750W MH |
| Number of Lamps | 1 piece/unit |
| Circuit Type | SUPER-CWA |
| Ballast Type | Magnetic HID |
| Base Model | 71A6490 |
| Core Size | 4 1/4 x 4 3/4 (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 | 4.8 in |
| Automatic Restart | No |
| Operating and Electrical | |
| Input Voltage | 120/208/240/277 V |

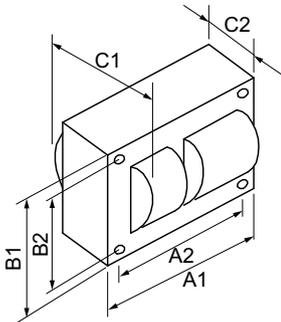
| Input Frequency | 60 Hz |
|----------------------------------|---------------------------------------|
| Input Current (Open Circuit) | 3.75/1.9/1.85/1.65 A |
| Input Current (Starting) | 5.2/3.05/2.35/2.25 A |
| Input Current (Short Circuit) | 4.15-6.2/2.45-3.65/1.85-2.8/1.8-2.7 V |
| Secondary Short Circuit Current | 4.9-6 A |
| Constant Wattage Deviation | 10% |
| Ballast Factor (Nom) | 1 |
| Power Factor (Nom) | 0.90 |
| Open Circuit Voltage | 340 V |
| Input Current (Nom) | 6.9/3.85/3.45/3 A A |
| Input Power (Nom) | 820 W |
| Rated Lamp Power | 750 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 | 15' |
| Wiring | |

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|-----------------------------------|------------------------------------|
| Recommended Fuse Value | 15/9/8/8 A |
| Approval and Application | |
| Open Circuit Voltage Test (Volts) | 306-375 V |
| Approval Marks | ULR CSA certificate RoHS Compliant |
| Temperature Marking | D/D/D/D |
| UL Recognized | Yes |
| Hipot Test (1 Minute) | 1500 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 750W M149 QUAD C&C |
| EAN/UPC - Product | 781087037737 |
| Order code | 913710589302 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 2 |
| Material Nr. (12NC) | 913710589302 |
| Net Weight (Piece) | 8.215 kg |

Dimensional drawing



MH BAL 750W M149 QUAD C&C

| Product | C1 | C2 | A1 | A2 | B1 | B2 |
|-----------------------------|--------|------|--------|--------|--------|--------|
| CORE & COIL HID 71A6490500D | 4.9 in | 3 in | 4.8 in | 4.4 in | 4.3 in | 3.9 in |

