PHILIPS Lighting



Indoor Enclosed (78E)

INDOOR ENCLOSED HID MH BAL 400W M59 QUAD ENCL

These units are designed for use indoors where the ballast must be mounted remotely from the luminaire. These ballasts are typically used in applications where the luminaire is mounted in an area with very high ambient temperatures. The ballast can be mounted remotely in a cooler location.

Product data

| General Information | | | | | | |
|---------------------------------|-------------------------------------|--|--|--|--|--|
| ANSI Code | M59 | | | | | |
| Lamp Type | 400W MH | | | | | |
| Number of Lamps | 1 piece/unit | | | | | |
| Circuit Type | CWA | | | | | |
| Ballast Type | Magnetic HID | | | | | |
| Base Model | 78E6091 | | | | | |
| Suitable For Outdoor Use | No | | | | | |
| Ignitor Catalog Number | NA | | | | | |
| Capacitor Catalog Number | Inside Can | | | | | |
| Automatic Restart | No | | | | | |
| | | | | | | |
| Operating and Electrical | | | | | | |
| Input Voltage | 120/208/240/277 V | | | | | |
| Input Frequency | 60 Hz | | | | | |
| Input Current (Open Circuit) | 3/1.75/1.5/1.3 A | | | | | |
| Input Current (Starting) | 3.5/2/1.75/1.5 A | | | | | |
| Input Current (Short Circuit) | 2.7-4.2/1.55-2.4/1.35-2.1/1.1-1.8 A | | | | | |
| Secondary Short Circuit Current | 3.5-4.3 A | | | | | |
| Constant Wattage Deviation | 10% | | | | | |
| Ballast Factor (Nom) | 1 | | | | | |
| Power Factor (Nom) | 0.90 | | | | | |

| Open Circuit Voltage | 300 V | | | | |
|-------------------------------------|---|--|--|--|--|
| Input Current (Nom) | 4/2.3/2/1.75 A A | | | | |
| Input Power (Nom) | 458 W | | | | |
| Rated Lamp Power | 400 W | | | | |
| | | | | | |
| Wiring | | | | | |
| Wire Striplength | 0.5 mm | | | | |
| Wire Length by Color | 12" | | | | |
| Wire Type | Stranded | | | | |
| Remote Wiring Configuration Allowed | Yes | | | | |
| Max Ballast-Lamp Distance Remote | Determined by AWG used | | | | |
| Wiring | | | | | |
| Recommended Fuse Value | 10/7/5/5 A | | | | |
| | | | | | |
| Mechanical and Housing | | | | | |
| Housing Material | Metal | | | | |
| Housing | IE | | | | |
| Housing Dimensions | 14.44" x 5.75" x 7.69" | | | | |
| | | | | | |
| Approval and Application | | | | | |
| Open Circuit Voltage Test (Volts) | 270-330 V | | | | |
| Approval Marks | CSA certificate UL certificate RoHS Compliant | | | | |
| | | | | | |

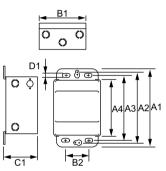
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| Temperature Marking | Max. ambient temperature 55ºC |
|------------------------|-------------------------------------|
| UL Recognized | No |
| Hipot Test (1 Minute) | 2000 V |
| Hipot Test (2 Seconds) | 2500 V |
| UL Insulation Class | H(180°C) |
| UL Temperature Code | NA |
| | |
| Product Data | |
| Order product name | INDOOR ENCLOSED HID MH BAL 400W M59 |

QUAD ENCL

| EAN/UPC - Product | 781087860915 |
|---------------------------------|--------------|
| Order code | 913700582709 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 913700582709 |
| Net Weight (Piece) | 14.611 kg |
| | |

Dimensional drawing



MH BAL 400W M59 QUAD ENCL

| Product | A1 | A2 | A3 | A4 | B1 | B2 | C1 | D1 |
|---------------------|---------|---------|---------|---------|--------|--------|--------|--------|
| INDOOR ENCLOSED HID | 14.4 in | 13.4 in | 12.7 in | 12.1 in | 7.7 in | 3.3 in | 5.8 in | 0.4 in |
| 78E6091001 | | | | | | | | |



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