



# Encapsulated Core & Coil (73B)

## ENCAPSULATED CORE & COIL HID MH BAL 70W M98/143 120/277V ENCAP

Where quiet performance is required, the standard open core and coil ballast is encapsulated (potted) in a cube-shaped steel can utilizing Class H (180°C) polyester compound.

### Product data

| General Information                |              |   |                      |
|------------------------------------|--------------|---|----------------------|
| ANSI Code                          | M98          | Input Frequency                         | 60 Hz                |
| Lamp Type                          | 70W MH       | Input Current (Open Circuit)            | 1.9/0.8 A            |
| Number of Lamps                    | 1 piece/unit | Input Current (Starting)                | 0.55/0.25 A          |
| Circuit Type                       | HX-HPF       | Input Current (Short Circuit)           | 0.55-0.8/0.25-0.45 A |
| Ballast Type                       | Magnetic HID | Secondary Short Circuit Current         | 0.95-1.25 A          |
| Base Model                         | 73B5282      | Constant Wattage Deviation              | 7%                   |
| Suitable For Outdoor Use           | Yes          | Ballast Factor (Nom)                    | 1                    |
| Ignitor Catalog Number             | LI533-H4     | Power Factor (Nom)                      | 0.90                 |
| Ignitor Temperature Rating         | 105°C        | Open Circuit Voltage                    | 255 V                |
| Capacitor Value                    | 8 MFD        | Input Current (Nom)                     | 0.85/0.37 A A        |
| Capacitor Catalog Number           | 7C080L30RA   | Input Power (Nom)                       | 90 W                 |
| Capacitor Requirements             | 280V         | Rated Lamp Power                        | 70 W                 |
| Capacitor Temperature Rating       | 105°C        | Wiring                                  |                      |
| Capacitor Diameter/Oval Dimensions | 1.25 in      | Wire Striplength                        | 0.5 mm               |
| Capacitor Height                   | 2.75 in      | Wire Length by Color                    | 12"                  |
| Automatic Restart                  | No           | Wire Type                               | Stranded             |
| Operating and Electrical           |              | Remote Wiring Configuration Allowed     | Yes                  |
| Input Voltage                      | 120/277 V    | Max Ballast-Lamp Distance Remote Wiring | 15'                  |

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|                        |       |
|------------------------|-------|
| Recommended Fuse Value | 4/2 A |
|------------------------|-------|

### Mechanical and Housing

|                    |                    |
|--------------------|--------------------|
| Housing Material   | Metal              |
| Housing            | Encap              |
| Housing Dimensions | 4.6" x 4.4" x 3.6" |

### Approval and Application

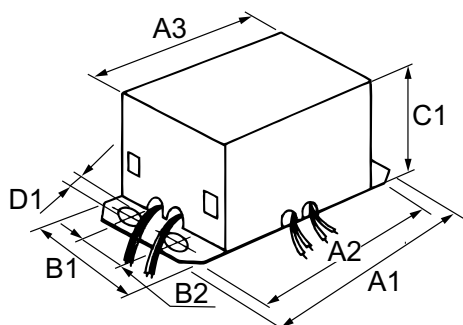
|                                   |                                    |
|-----------------------------------|------------------------------------|
| Open Circuit Voltage Test (Volts) | 230-280 V                          |
| Approval Marks                    | ULR CSA certificate RoHS Compliant |
| Temperature Marking               | A/A                                |
| Hum And Noise Level               | A                                  |
| UL Recognized                     | Yes                                |
| Hipot Test (1 Minute)             | 2000 V                             |
| Hipot Test (2 Seconds)            | 25000 V                            |

|                     |          |
|---------------------|----------|
| UL Insulation Class | H(180°C) |
| UL Temperature Code | 1029A    |

### Product Data

|                                 |   |
|---------------------------------|---|
| Order product name              | ENCAPSULATED CORE & COIL HID MH BAL<br>70W M98/143 120/277V ENCAP |
| EAN/UPC - Product               | 781087352823  |
| Order code                      | 506121  |
| Local order code                | 506121  |
| Numerator - Quantity Per Pack   | 1   |
| Numerator - Packs per outer box | 4   |
| Material Nr. (12NC)             | 913700581409  |
| Net Weight (Piece)              | 3.543 kg  |

### Dimensional drawing



MH BAL 70W M98/143 120/277V ENCAP

| Product                                     | A1   | A2      | A3     | B1     | B2   | C1     | D1      |
|---|------|---------|--------|--------|------|--------|---------|
| ENCAPSULATED CORE & COIL HID<br>73B5282500D | 6 in | 5.25 in | 4.6 in | 3.6 in | 2 in | 3.4 in | 0.25 in |

