



# F-can (72C)

## F-CAN HID MH BAL 100W M90/140 120/277V FCAN

The Philips Advance line of F-can HID ballasts comes in two dual-voltage configurations for the US and Canadian market. Ballasts for these luminaires are most often encased and potted in fluorescent ballast type cans.

### Product data

| General Information             |                      | Input Current (Nom)                     |   |
|---------------------------------|----------------------|---|---|
| ANSI Code                       | M90-M140(PULSESTART) | Input Power (Nom)                       | 125 W   |
| Lamp Type                       | 100W MH              | Rated Lamp Power                        | 100 W   |
| Number of Lamps                 | 1 piece/unit         |   |   |
| Circuit Type                    | HX-HPF               | Wiring                                  |   |
| Ballast Type                    | Magnetic HID         | Wire Striplength                        | 0.5 mm  |
| Base Model                      | 72C5381              | Wire Length by Color                    | 12"   |
| Suitable For Outdoor Use        | Yes                  | Wire Type                               | Stranded                                      |
| Ignitor Catalog Number          | Inside Can           | Remote Wiring Configuration Allowed     | Yes   |
| Capacitor Catalog Number        | Inside Can           | Max Ballast-Lamp Distance Remote Wiring | 5'  |
| Automatic Restart               | No                   | Recommended Fuse Value                  | 6/3 A   |
|                                 |                      | Mechanical and Housing                  |   |
| Operating and Electrical        |                      | Housing Material                        | Metal   |
| Input Voltage                   | 120/277 V            | Housing                                 | F-Can   |
| Input Frequency                 | 60 Hz                | Housing Dimensions                      | 11.75 x 2.63 x 3.19                           |
| Input Current (Open Circuit)    | 2.55/1.1 A           | Approval and Application                |   |
| Input Current (Starting)        | 2.2/0.95 A           | Open Circuit Voltage Test (Volts)       | 250-305 V                                     |
| Input Current (Short Circuit)   | 0.7-1.1/0.3-0.5 A    | Approval Marks                          | CSA certificate UL certificate RoHS Compliant |
| Secondary Short Circuit Current | 1.3-1.6 A            | Temperature Marking                     | 90°C max. case                                |
| Constant Wattage Deviation      | 12%                  | UL Recognized                           | No  |
| Ballast Factor (Nom)            | 1                    |   |   |
| Power Factor (Nom)              | 0.90                 |   |   |
| Open Circuit Voltage            | 277 V                |   |   |

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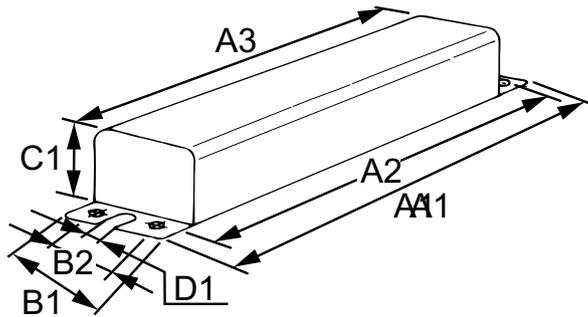
|                        |          |
|------------------------|----------|
| Hipot Test (1 Minute)  | 1600 V   |
| Hipot Test (2 Seconds) | 2000 V   |
| UL Insulation Class    | A(105°C) |
| UL Temperature Code    | NA       |

### Product Data

|                    |  |
|--------------------|--|
| Order product name | F-CAN HID MH BAL 100W M90/140<br>120/277V FCAN |
|--------------------|--|

|                                 |              |
|---------------------------------|--------------|
| EAN/UPC - Product               | 781087025277 |
| Order code                      | 913710408101 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 1            |
| Material Nr. (12NC)             | 913710408101 |
| Net Weight (Piece)              | 4.541 kg     |

### Dimensional drawing



MH BAL 100W M90/140 120/277V FCAN

| Product  | A1    | A2       | A3      | B1     | B2     | C1     | D1     |
|--|-------|----------|---------|--------|--------|--------|--------|
| F-CAN HID MH BAL 100W<br>M90/140 120/277V FCAN | 12 in | 11.13 in | 10.5 in | 3.9 in | 2.0 in | 2.6 in | 0.3 in |

