



# F-can (72C)

## F-CAN HID MH BAL 70W M98/143 120/277V 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      |                 |
|--------------------------|-----------------|
| ANSI Code                | M98(PULSESTART) |
| Lamp Type                | 70W MH          |
| Number of Lamps          | 1 piece/unit    |
| Circuit Type             | HX-HPF          |
| Ballast Type             | Magnetic HID    |
| Base Model               | 72C5282         |
| Suitable For Outdoor Use | Yes             |
| Ignitor Catalog Number   | Inside Can      |
| Capacitor Catalog Number | Inside Can      |
| Automatic Restart        | No              |

| Operating and Electrical        |                      |
|---------------------------------|----------------------|
| Input Voltage                   | 120/277 V            |
| Input Frequency                 | 60 Hz                |
| Input Current (Open Circuit)    | 1.6/0.75 A           |
| Input Current (Starting)        | 1.25/0.55 A          |
| Input Current (Short Circuit)   | 0.55-0.85/0.25-0.4 A |
| Secondary Short Circuit Current | 0.95-1.2 A           |
| Constant Wattage Deviation      | 10%                  |
| Ballast Factor (Nom)            | 1                    |
| Power Factor (Nom)              | 0.90                 |
| Open Circuit Voltage            | 255 V                |
| Input Current (Nom)             | 0.85/0.37 A A        |

|                   |      |
|-------------------|------|
| Input Power (Nom) | 94 W |
| Rated Lamp Power  | 70 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 Wiring | 10'      |
| Recommended Fuse Value                  | 4/2 A    |

| Mechanical and Housing |                     |
|------------------------|---------------------|
| Housing Material       | Metal               |
| Housing                | F-Can               |
| Housing Dimensions     | 11.75 x 2.63 x 3.19 |

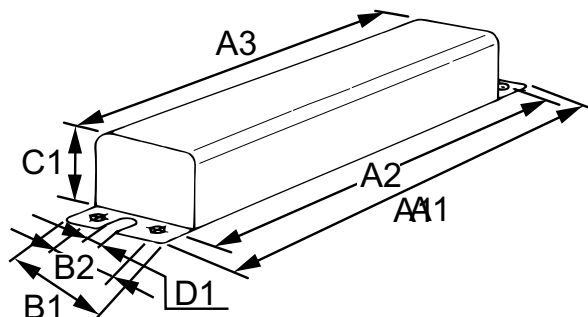
| Approval and Application          |                                               |
|-----------------------------------|-----------------------------------------------|
| Open Circuit Voltage Test (Volts) | 230-280 V                                     |
| Approval Marks                    | CSA certificate UL certificate RoHS Compliant |
| Temperature Marking               | 90°C max. case                                |
| UL Recognized                     | No                                            |
| Hipot Test (1 Minute)             | 1600 V                                        |
| Hipot Test (2 Seconds)            | 2000 V                                        |

## F-can (72C)

|                     |                                               |
|---------------------|-----------------------------------------------|
| UL Insulation Class | A(105°C)                                      |
| UL Temperature Code | NA                                            |
| <b>Product Data</b> |                                               |
| Order product name  | F-CAN HID MH BAL 70W M98/143 120/277V<br>FCAN |
| EAN/UPC - Product   | 781087025253                                  |

|                                 |              |
|---------------------------------|--------------|
| Order code                      | 913710407801 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 1            |
| Material Nr. (12NC)             | 913710407801 |
| Net Weight (Piece)              | 4.086 kg     |

### Dimensional drawing



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

| Product                                    | A1    | A2       | A3      | B1     | B2     | C1     | D1     |
|--------------------------------------------|-------|----------|---------|--------|--------|--------|--------|
| F-CAN HID MH BAL 70W M98/143 120/277V FCAN | 12 in | 11.13 in | 10.5 in | 3.9 in | 2.0 in | 2.6 in | 0.3 in |

