# F-can (72C)

## F-CAN HID 72C5282NP001

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

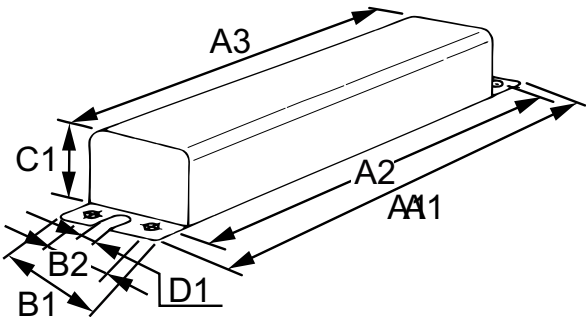| | |
|---|---|
| Input Voltage | 120/277 V |
| Input Frequency | 60 Hz |
| Power (Rated) (Nom) | 70 W |
| Input Current (Open Circuit) | 1.6/0.75 A |
| Input Current (Starting) | 1.25/0.55 A |
| Input Current (Short Circuit) | 0.55-0.85/0.25-0.4 A |
| Secondary Short Circuit Current | 0.95-1.2 A |
| 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 | 70W 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 |
| Temperature Marking | 90ºC max. case |
| UL Recognized | No |
| Hipot Test (1 Minute) | 1600 V |

# F-can (72C)

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

| | |
|---|---|
| **Product Data** | |
| Order product name | F-CAN HID 72C5282NP001 |
| 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 72C5282NP001 | 12 in | 11.13 in | 10.5 in | 3.9 in | 2.0 in | 2.6 in | 0.3 in |