



# F-can (72C)

## F-CAN HID MH BAL 320W M132/154 120/277V 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                       | M132-M154(PULSESTART) |  |  |  |
| Lamp Type                       | 320W MH               |  |  |  |
| Number of Lamps                 | 1 piece/unit          |  |  |  |
| Circuit Type                    | CWA                   |  |  |  |
| Ballast Type                    | Magnetic HID          |  |  |  |
| Base Model                      | 72C5882               |  |  |  |
| 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)    | 1.6/0.7 A             |  |  |  |
| Input Current (Starting)        | 2.75/1.2 A            |  |  |  |
| Input Current (Short Circuit)   | 2.1-3.15/0.9-1.4 A    |  |  |  |
| Secondary Short Circuit Current | 2.7-3.4 A             |  |  |  |
| Constant Wattage Deviation      | 10%                   |  |  |  |
| Ballast Factor (Nom)            | 1                     |  |  |  |
| Power Factor (Nom)              | 0.90                  |  |  |  |
| Open Circuit Voltage            | 270 V                 |  |  |  |
|                                 |                       |  |  |  |

| Input Current (Nom)                         | 3.35/1.46 A A                       |  |  |  |  |
|---|-------------------------------------|--|--|--|--|
| Input Power (Nom)                           | 370 W                               |  |  |  |  |
| Rated Lamp Power                            | 320 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 50' |                                     |  |  |  |  |
| Recommended Fuse Value                      | 8/3 A                               |  |  |  |  |
|   |                                     |  |  |  |  |
| Mechanical and Housing                      |                                     |  |  |  |  |
| Housing Material                            | Metal                               |  |  |  |  |
| Housing                                     | F-Can                               |  |  |  |  |
| Housing Dimensions                          | 19.2 x 2.63 x 3.19                  |  |  |  |  |
|   |                                     |  |  |  |  |
| Approval and Application                    |                                     |  |  |  |  |
| Open Circuit Voltage Test (Volts)           | 245-300 V                           |  |  |  |  |
| Approval Marks                              | CSA certificate UL certificate RoHS |  |  |  |  |
|   | Compliant                           |  |  |  |  |
| Temperature Marking                         | 90ºC max. case                      |  |  |  |  |
| UL Recognized                               | No                                  |  |  |  |  |
|   |                                     |  |  |  |  |

### F-can (72C)

| Hipot Test (1 Minute)  | 1500 V                         |  |  |  |
|------------------------|--------------------------------|--|--|--|
| Hipot Test (2 Seconds) | 2500 V                         |  |  |  |
| UL Insulation Class    | A(105°C)                       |  |  |  |
| UL Temperature Code    | NA                             |  |  |  |
|                        |                                |  |  |  |
| Product Data           |                                |  |  |  |
| Order product name     | F-CAN HID MH BAL 320W M132/154 |  |  |  |
|                        | 120/277V FCAN                  |  |  |  |

| EAN/UPC - Product               | 781087112038 |
|---------------------------------|--------------|
| Order code                      | 913700501551 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 2            |
| Material Nr. (12NC)             | 913700501551 |
| Net Weight (Piece)              | 9.639 kg     |
|                                 |              |

#### Dimensional drawing



| Product             | A1    | A2       | A3    | B1     | B2     | C1     | D1     |
|---------------------|-------|----------|-------|--------|--------|--------|--------|
| F-CAN HID 72C5882NP | 12 in | 18.63 in | 18 in | 3.9 in | 2.0 in | 2.6 in | 0.3 in |

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