F-can (72C)

F-CAN HID 72C5381NP001

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	M90-M140(PULSESTART)
Lamp Type	100W MH
Number Of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	72C5381
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	Inside Can
Capacitor Catalog Number	Inside Can
Automatic Restart	No

Operating and Electrical

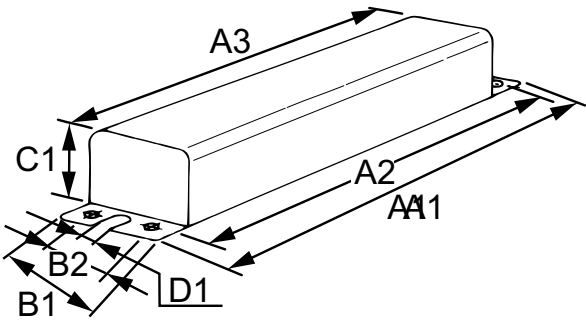|	
Input Voltage	120/277 V
Input Frequency	60 Hz
Power (Rated) (Nom)	100 W
Input Current (Open Circuit)	2.55/1.1 A
Input Current (Starting)	2.2/0.95 A
Input Current (Short Circuit)	0.7-1.1/0.3-0.5 A
Secondary Short Circuit Current	1.3-1.6 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90

Open Circuit Voltage	277 V
Input Current (Nom)	1.1/0.48 A A
Input Power (Nom)	125 W
Rated Lamp Power	100W 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	5'
Recommended Fuse Value	6/3 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)	250-305 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 72C5381NP001
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 72C5381NP001	12 in	11.13 in	10.5 in	3.9 in	2.0 in	2.6 in	0.3 in