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

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	72C5381NP900
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)	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	100 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	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
Approval Marks	CSA certificate UL certificate RoHS Compliant
Temperature Marking	90ºC max. case
UL Recognized	No

data subject to change

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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 M90/140 120/277V FCAN

EAN/UPC – Product	781087028032
Order code	913710563802
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	913710563802
Net Weight (Piece)	4.196 kg

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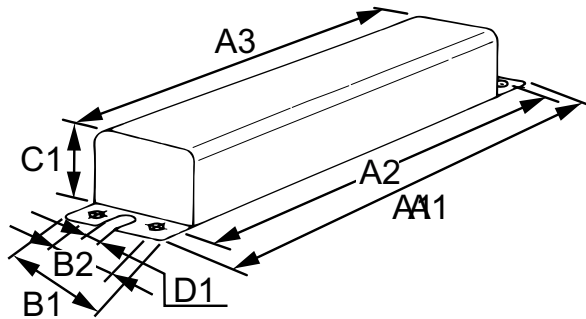
MH BAL 100W M90/140 120/277V FCAN

Product	A1	A2	A3	B1	B2	C1	D1
F-CAN HID 72C5381NP900	12 in	11.13 in	10.5 in	3.9 in	2.0 in	2.6 in	0.3 in

www.lighting.philips.com

2019, February 12 – data subject to change