F-can (72C)

F-CAN HID MH BAL 100W M90/140 120/347V 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	72C53C1
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	Inside Can
Capacitor Catalog Number	Inside Can
Automatic Restart	No

Operating and Electrical

Input Voltage	120/347 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	2.4/0.85 A
Input Current (Starting)	2.2/0.75 A
Input Current (Short Circuit)	0.9-1.4/0.3-0.45 A
Secondary Short Circuit Current	1.4-1.65 A
Constant Wattage Deviation	12%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	277 V

Input Current (Operating) (Nom)	1.1/0.38 A A
Input Power (Nom)	125 W
Rated Lamp Watts	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	15'
Recommended Fuse Value	6/2 A

Mechanical and Housing

Housing Material	Metal
Housing	F-Can
Housing Dimensions	11.75 x 2.63 x 3.19

Approval and Application

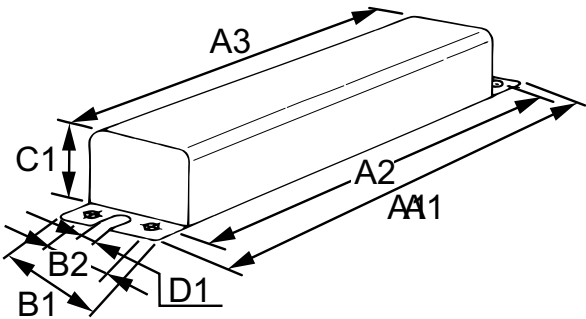|	
Open Circuit Voltage Test (Volts)	250-305 V
Approbation Marks	CSA certificate RoHS Compliant
Temperature Marking	90ºC max. case
UL Recognized	No
Hipot Test (1 Minute)	1700 V

F-can (72C)

Hipot Test (2 Seconds)	2100 V
UL Insulation Class	A(105°C)
UL Temperature Code	NA

Product Data

Order product name	F-CAN HID MH BAL 100W M90/140 120/347V FCAN
EAN/UPC – Product	781087007679

Order code	72C53C1NP
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	4
Material Nr. (12NC)	913700579909
Net Weight (Piece)	4.242 kg

Dimensional drawing

MH BAL 100W M90/140 120/347V FCAN

Product	A1	A2	A3	B1	B2	C1	D1
F-CAN HID MH BAL 100W M90/140 120/347V FCAN	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, March 22 – data subject to change