



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				
Input 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				
Open Circuit Voltage	277 V				

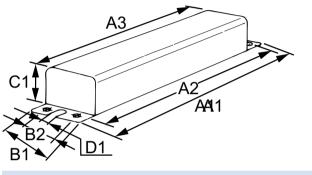
Input Current (Nom)	1.1/0.38 A A				
Input Power (Nom)	125 W				
Rated Lamp Power	100 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				
Max Ballast-Lamp Distance Remote Wiring 15'					
Recommended Fuse Value	6/2 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				
Approval 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	913700579909
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700579909
Net Weight (Piece)	4.242 kg

Dimensional drawing



Product	A1	A2	A3	B1	B2	C1	D1
F-CAN HID MH BAL 100W	12 in	11.13 in	10.5 in	3.9 in	2.0 in	2.6 in	0.3 in
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MH BAL 100W M90/140 120/347V FCAN



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