

PART NUMBER:	DATE:
PROJECT #:	TYPE:
PREPARED BY:	

PART NUMBER:

# FB320MHTRI-PS

## 320W Metal Halide Magnetic Ballast

Fusion Magnetic HID ballasts are designed to operate Metal Halide (Probe Start & Pulse Start) and High Pressure Sodium lamps. Our core and coil, high performance ballasts are available in tri-tap input versions, and are designed to withstand rigorous operating conditions and a wide range of ambient temperature environments. They also feature UL Class H thermal insulation of 180 °C maximum coil hot spot temperature to maximize heat dissipation and withstand moisture damage. All Fusion magnetic HID ballasts comply with North American and International safety and performance standards including ANSI, UL, and CSA.

### FEATURES & BENEFITS:

- Tritap 120/277/347V input voltage
- Industry standard core designs and mountings
- 2 year warranty
- RoHS Compliant
- Meets ANSI standards for specific lamp types
- Meets FCC Part 18 Class A for EMI/RFI (non-consumer limits)
- cURus and CSA listed

### APPROVALS

**RoHS**  
COMPLIANT

**UL**  
US

**CSA**

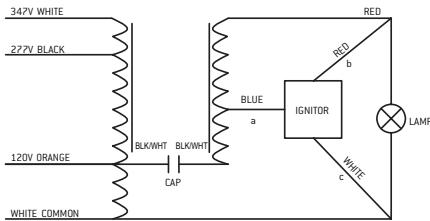
ANSI CODE | **M132**

ANSI CODE | **M154**

### APPLICATIONS:

- **Commercial:** Various commercial lighting applications including: Malls, Shopping Centers, Stores, Gas Stations, Car show rooms, etc.
- **Industrial:** Various industrial lighting applications including: Manufacturing facilities, security lighting, etc.

### WIRING DIAGRAM:



### ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	UNIT QTY	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FB320MHTRI-PS	Fusion 320W MH PS Tri C&C Ballast	1	1	200 x 120 x 140 mm - 7.87 x 4.72 x 5.51 in	4.8 kg - 10.58 lbs

### PERFORMANCE SPECIFICATIONS:

PART NUMBER	ANSI	LAMP TYPE	# OF LAMPS	LAMP WATTS	INPUT VOLTAGE	INPUT CURRENT	REMOTE MOUNTING DISTANCE
FB320MHTRI-PS	M132/M154	MH Pulse Start	1	320W	120/277/347V	60HZ	3ft Max.



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# FB320MHTRI-PS

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**ELECTRICAL SPECIFICATIONS:**

PART NUMBER	CIRCUIT TYPE	ANSI	LAMP WATTS	INPUT VOLTAGE	INPUT WATTS	STARTING CURRENT	OPERATING CURRENT	OPEN CIRCUIT CURRENT
FB320MHTRI-PS	CWA	M132/M154	320W	120/277/347V	368	2.15/0.92/0.80	3.00/1.31/1.15	3.12/1.39/1.05

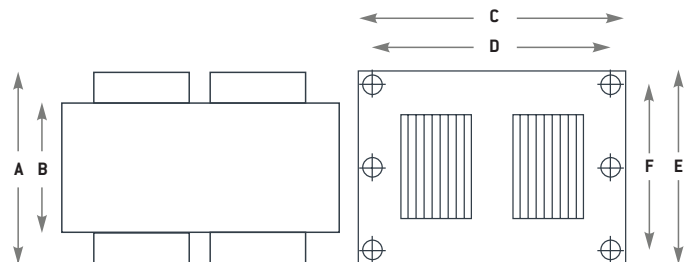
OCV	UL INSULATION CLASS RATING	STARTING METHOD
296 VAC	Class H (180C)	HV Pulse Ignitor

**PHYSICAL SPECIFICATIONS:**

PART NUMBER	LEAD LENGTH	MIN. STARTING TEMP	CAPACITOR TYPE	REC. REPLACEMENT CAPACITOR #	REC. IGNITOR REPLACEMENT #
FB320MHTRI-PS	12 inches	- 40C	Oil Filled	CAP-M-22.0uF-400VAC	GM203

A	B	C	D
105.41 mm - 4.15"	50.8 mm - 2.00"	121 mm - 4.75"	111 mm - 4.37"

E	F
108 mm - 4.25"	98 mm - 3.87"



**RoHS**  
COMPLIANT

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