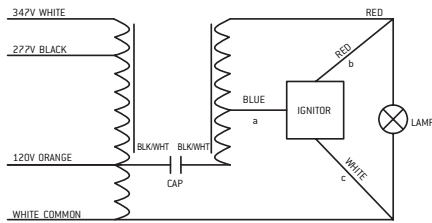




**WIRING DIAGRAM:**



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

**PART NUMBER:**

# FB1000HPSTRI

## 1000W HPS Magnetic HID 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**



**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.

**ORDERING INFORMATION:**

PART NUMBER	DESCRIPTION	UNIT QTY	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FB1000HPSTRI	Fusion 1000W HPS Tri C&C Ballast	1	1	230 x 170 x 150 mm - 7.87 x 4.72 x 5.51 in	12.7 kg - 28.00 lbs

**PERFORMANCE SPECIFICATIONS:**

PART NUMBER	ANSI	LAMP TYPE	# OF LAMPS	LAMP WATTS	INPUT VOLTAGE	INPUT CURRENT	REMOTE MOUNTING DISTANCE
FB1000HPSTRI	S52	HPS	1	1000W	120/277/347V	60HZ	3ft Max.



PART NUMBER:

# FB1000HPSTRI

1000W HPS Magnetic HID Ballast

**ELECTRICAL SPECIFICATIONS:**

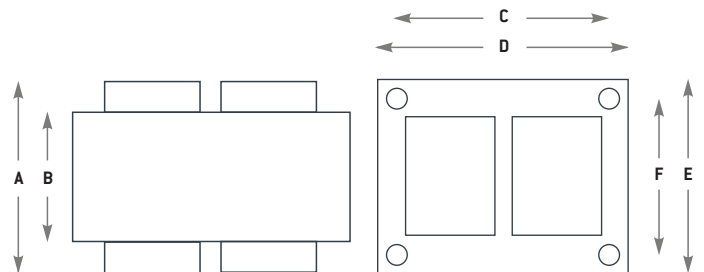
PART NUMBER	CIRCUIT TYPE	ANSI	LAMP WATTS	INPUT VOLTAGE	INPUT WATTS	STARTING CURRENT	OPERATING CURRENT	OPEN CIRCUIT CURRENT
FB1000HPSTRI	CWA	S52	1000W	120/277/347V	1065	7.90./3.50/2.80	9.56/4.19/3.35	3.78/1.57/1.32

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

**PHYSICAL SPECIFICATIONS:**

PART NUMBER	LEAD LENGTH	MIN. STARTING TEMP	CAPACITOR TYPE	REC. REPLACEMENT CAPACITOR #	REC. IGNITOR REPLACEMENT #
FB1000HPSTRI	12 inches	- 40C	Oil Filled	CAP-M-26.0uF-540VAC	GM203

A	B	C	D	E	F
147 mm - 5.80"	95.3 mm - 3.75"	139.7 mm - 5.5"	152.4 mm - 6.0"	108 mm - 4.25"	94 mm - 3.7"



ANSI CODE | S52

