



FEATURES

- Made in America
- Metal Case
- Cost Effective
- Reliable Solid State Design
- Maintenance Free
- Automatic recovery, self restoring
- High Frequency Switchmode Design
- UL recognized File Number E81634 available

TYPICAL APPLICATIONS

- Electrostatic Air Cleaners
- Electrostatic Oil Cleaners

DESCRIPTION

The CS2422 series of regulated solid state switching power supplies is designed for applications requiring a medium duty power supply. Input voltage: 120 VAC or 240 VAC ($\pm 10\%$) 50 / 60 Hz. Connection for "High Voltage On" indicating light (LED or #47 incandescent bulb) included.

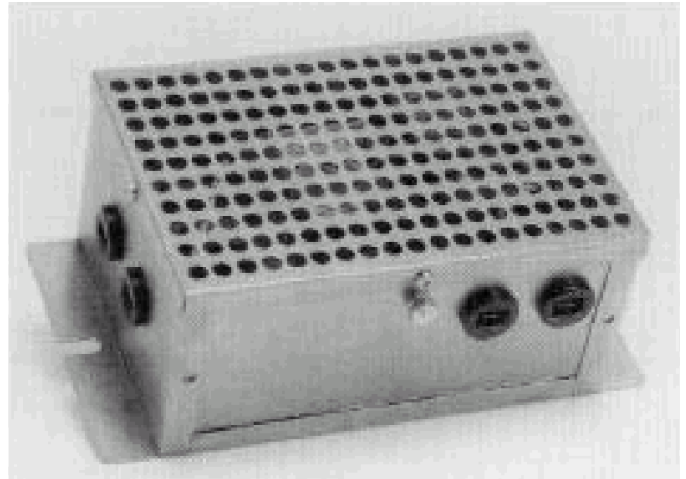
The CS2422 series is packaged in a metal enclosure and may be installed in any position. Consult factory for additional information. Custom voltages are also available.

OPTIONS

- "Clean Me" alarm contacts

COMPLIANCE

- FCC Class A available
- UL 867 available



TYPICAL ELECTRICAL SPECIFICATIONS

- Input Voltage: 120 VAC or 240 VAC ($\pm 10\%$) 50 / 60 Hz
- Output Voltage: 10 KVDC
- Output Current: 4.5 mA Max
- Output Power: 50 W
- Output Regulation: See Typical V-I Curve
- Load: May be operated into any load condition (capacitive, resistive or inductive) or no load. Can withstand arcing and short circuits.
- Isolated Output; High Voltage referenced to Earth Ground

TYPICAL MECHANICAL SPECIFICATIONS

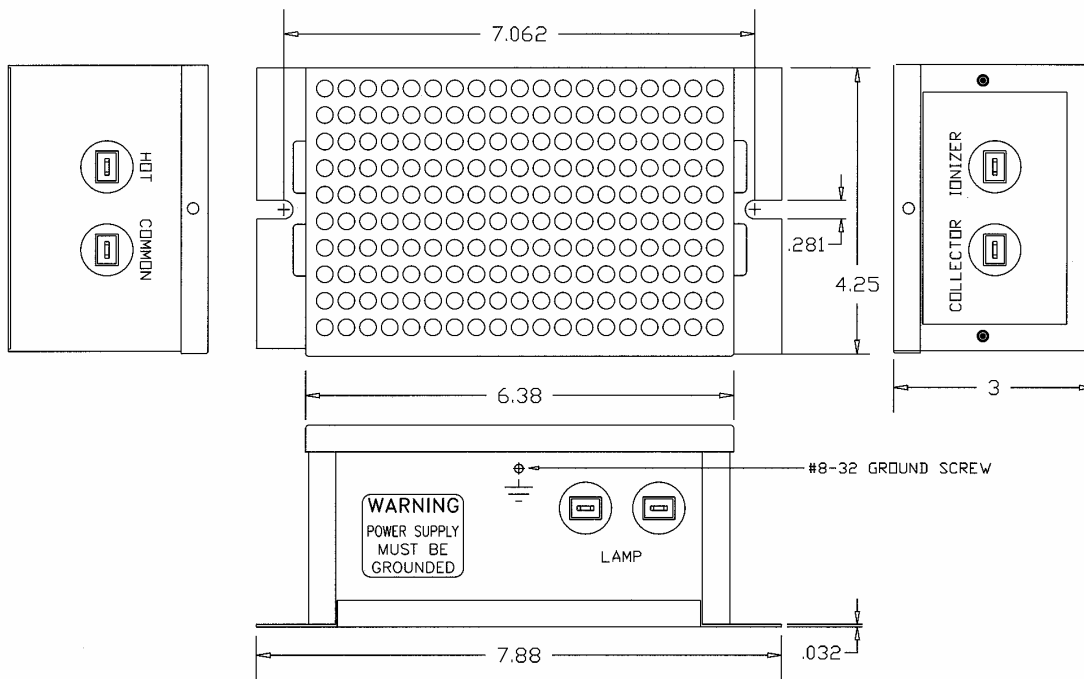
- Case: Metal
- Input Voltage Termination: $\frac{1}{4}$ " black insulated terminals
- "HV On" Indicating Light Termination: $\frac{1}{4}$ " black insulated terminals (LED or #47 bulb)
- High Voltage Termination: $\frac{1}{4}$ " red insulated terminals
- Earth Ground: #8-32 screw
- Temperature Rating:
 - Operating 0° to +60°C
 - Storage -40° to +85°C

NOTICE: This power supply requires adequate ground connection for operation. Failure to provide ground could result in failure of the power supply. Proper ground connections must be made to #8-32 ground screw on the metal case.



Model	Input Voltage	Input Frequency	Output Voltage Max	Typical Output Current
CS2422L120-10	120 VAC	50 / 60 Hz	10 KVDC neg	4 mA
CS2422L120+10	120 VAC	50 / 60 Hz	10 KVDC pos	4 mA
CS2422L240-10 *	240 VAC	50 / 60 Hz	10 KVDC neg	4 mA
CS2422L240+10 *	240 VAC	50 / 60 Hz	10 KVDC pos	4 mA

* 240 VAC input design available in larger case. Call factory for details.



CS2422 SERIES, TYPICAL V-I CURVE

INPUT = 120VAC

