

# SURGEX®

## THE WORLD LEADER IN POWER CONDITIONING TECHNOLOGIES



# SA82 FLATPAK™

## SURGE PROTECTOR & POWER CONDITIONER FOR FLAT PANEL MONITORS

- **Series Mode®** Surge Protection
- **Impedance Tolerant®** EMI/RFI Filtering
- **Over Voltage Shutdown (w/ Auto Reset)**
- **Compact design can easily be integrated with monitor mounting systems**

### **SPECIFICATIONS:**

**Load Rating:** 8 amps @ 120 volts

**Power Requirement (no load):** 10 watts

**UL 1449-2 Adjunct Classification Test Results:**

1000 surges, 6000 volts, 3000 amps, C1 pulse, measured suppressed voltage 290 volts, no failures

**Federal Guidelines:**

Grade A, Class 1, Mode 1 (CID A-A-55818)

**EMI/RFI Filter, Normal Mode (50-ohm load):**

40 dB @ 100 kHz; 50 dB @ 300 kHz;  
50 dB @ 3 MHz; 50 dB @ 30 MHz

**EMI/RFI Filter, Common Mode (50-ohm load):**

18 dB @ 300 kHz; 30 dB @ 1 MHz;  
50 dB @ 5 MHz; 50 dB @ 20 MHz

**Maximum Applied Surge Pulse Joule Rating:**

Unlimited, due to current limiting (8 x 20  $\mu$ s)

**Maximum Applied Surge Pulse Voltage:**

6000 volts (1.2 x 50  $\mu$ s pulse), industry standard rating

**Maximum Applied Surge Pulse Current:**

100,000 amperes (8 x 20  $\mu$ s)

**Endurance:** IEEE C62.41-1991 Category B3 (C1)

Pulses: 1 kv>500,000; 3 kv>10,000; 6 kv>1000

**Overvoltage Shutdown:** 145 volts (resume at 135 volts)

**Dimensions:** 1.75" H x 5.31" W x 9.06" D

**Weight:** 3.4 lbs

**Temperature Range:** 5° to 35° C

**Humidity Range:**

5% to 95% R.H., non-condensing

Designed to meet UL 1449, 2nd edition; CSA C22.2 No.8-M1986, R2000



# SURGEX®

Professional AC Power Products

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10-YEAR WARRANTY