

# EL225-4

AC Transient Protector

POWER  
CONDITIONING



## Standard Features

- Dedicated series transient protection
- Bidirectional design reduces noise on surrounding lines

## Specifications

### Maximum Current:

2 amps continuous

### Trip Point:

130 VAC rms

### Clamping Time:

Less than five nanoseconds

### EMI/RFI Protection:

Nine stages

### Protection Type:

Nine-stage series type filters out both common and normal mode transients

### Grounding:

20 ft insulated #10 AWG wire provided

### Operating Temperature:

14 °F to 104 °F (-10 °C to 40 °C)

### Dimensions:

(L × W × H)  
4.01 × 2.05 × 2.00 in

### Warranty:

One-year limited

## Part Number/Price

| Part # | Description  | Est. Weight | Price   |
|--------|--|-------------|---------|
| 21142  | EL225-4 AC transient protector (chassis mount) 115 VAC | 1 lb        | Consult |

# Sola MCR Series

Power Regulator



## Standard Features

- Automatic overload protection
- Convenient lighted on/off switches
- Available in 70, 150 and 250VA outputs
- Offered in standard 120 volt, 60 Hz models
- Two duplex receptacles allow several pieces of equipment to economically share the same source of regulated power

## Specifications

### Input:

Voltage: 120 V  
Input Voltage Range: +10% to -20% of input nominal voltage

### Control:

Lighted Enable Switch

### Output:

Voltage: 120 V  
Voltage Regulation: ±3% for an input line variation of +10% to -20%. Output will remain within NEMA voltage specifications for input voltages as low as 65% of nominal. No loss of output for line loss of three milliseconds.  
Harmonic Distortion: Less than 3% total RMS content at full load

### Noise Reduction:

Common mode noise rejection exceeds 120 dB (DC to 1 MHz)  
Transverse mode noise rejection exceeds 60 dB (10 KHz to 1 MHz)

### Protection:

Input: Surge suppression module  
Output: Surge suppression module and ferroresonant technology suppresses ANSI/IEEE C62.41-1980 Class A and B waveforms to safe levels (formerly IEEE 587-1980)

### Efficiency:

90% at full load (typical)

### Reliability:

25-year continuous life, average

### Operating Temperature:

-4 °F to 122 °F (-20 °C to 50 °C)

### Construction:

Cruciform-type construction with precision die-cut shunts, gaps and spacing between windings

### Approvals:

UL listed to UL1012  
CSA certified to CSA C22.2-66

### Dimensions:

(L × W × H)  
9.25 × 6.75 × 6.25 in

### Warranty:

One-year limited

## Approvals



## Part Number/Price

| Part # | Description                                      | Est. Weight | Price   |
|--------|--|-------------|---------|
| 21155  | Sola MCR 070 regulator 120 VAC power 70 VA power | 16 lb       | Consult |
| 21156  | Sola MCR 150 AC power regulator, 150 VA          | 21 lb       | Consult |
| 21157  | Sola MCR 250 AC power regulator, 250 VA          | 29 lb       | Consult |