

EL225-4

AC Transient Protector



Standard Features

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

Part Number/Price

Part #	Description	Weight	Price
21142	EL225-4 AC transient protector (chassis mount) 115 VAC+	1 lb	\$285.00

Sola MCR Series

Power Regulator



Standard Features

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

Approvals



Part Number/Price

Part #	Description	Weight	Price
21155	Sola MCR 070 regulator 120 VAC power 70VA power	16 lb	\$625.00
21156	Sola MCR 150 AC power regulator, 150VA	21 lb	\$1,095.00
21157	Sola MCR 250 AC power regulator, 250VA	29 lb	\$1,395.00

Specifications

Operating Voltage:

117 VAC 50/60 Hz, nominal

Maximum Current:

2 amps continuous

Clamping Time:

Less than five nanoseconds

Dimensions:

(H x W x L) 2 x 2.05 x 4.005 in

EMI/RFI Protection:

Nine stages

Protection Type:

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

Grounding:

20 ft (6.1 m) insulated #10 AWG wire provided

Operating Temperature:

14°F to 104°F (-10°C to 40°C)

Warranty:

One-year limited warranty

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: $\pm 3\%$ 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:

(W x H x D) 6.75 x 6.25 x 9.25 in (171.5 x 158.8 x 235.0 mm)

Weight:

70 VA - Approximately 16 lb (7.3 kg)

150 VA - Approximately 21 lb (9.5 kg)

250 VA - Approximately 26 lb (11.8 kg)

Warranty:

One-year limited warranty