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	Consult

Specifications

Operating Voltage:
117 VAC 50/60 Hz, nominal

Maximum Current:
2 amps continuous

Clamping Time:
Less than 5 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

Sola MCR Series
Power Regulator

Standard Features

- UL listed, CSA certified
- Automatic overload protection
- Convenient lighted on/off switches
- Available in 70, 150 and 250 VA 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

Approvals

Part Number/Price

Part #	Description	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

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 3 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

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