

Struthers-Dunn

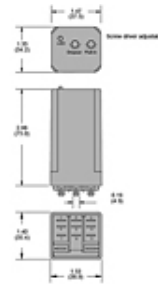
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Phone: (843) 346-4427 • **Fax:** (843) 346-4465**E-Mail:** info@struthers-dunn.com • **Web site:** www.struthers-dunn.com**Item # 236ACX-1-120VAC, 236 Series - Adjustable Voltage Sensors****236 Series - Adjustable Voltage Sensors**

The 236 series voltage sensor Combines solid state sensing circuitry with a SPDT 13 amp relay or a DPDT 10 amp relay. The single pole version has recessed potentiometers for adjustment. The double pole version has knob adjustments. Pull-in voltage is 75 to 115% of nominal voltage. Dropout is 75 to 95% of set pick up. Applications: Brownout protection, warning of under voltage conditions and over voltage protection.

Prevents equipment burn out

For Additional Configuration please contact the manufacturer.

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SPECIFICATIONS

Series	236
Type	Square Base
Nominal Input Voltage	120 VAC

CONTACTS

Contact Configuration	SPDT, DPDT
Contact Material	Silver Alloy
Contact Rating	SP = 13 A / 13 A DP = 10 A / 10 A
Contact Rating 120 / 240VAC Resistive	10 A
Contact Rating 28VDC Resistive	SP = 13 Amp DP = 10 Amp

Contact Rating Motor 120VAC	1/3 hp
Contact Rating Motor 240VAC	1/2 hp
Minimum Contact Load	500 mW
Contact Resistance, Initial	100 milliohms max at 6VDC

COIL

Coils Available	AC and DC
Power Consumption	3.5 VA
Input Voltage Absolute Maximum	Lowest of +60% of nominal or 600VAC
Pickup Voltage Range	75% to 115% of nominal
Dropout Voltage Range	75% to 95% of set pickup
Transient Protection	Yes
Reverse Polarity Protection	Yes
Duty	Continuous

DIELECTRIC STRENGTH

Across Open Contacts	500 Vrms
Between Mutually Insulated Point	1500 Vrms
Insulation Resistance	1,000 Mohms min at 500VDC

TEMPERATURE

Operating	-20 to 55 °C -4 to 131 °F
Storage	-40 to 85 °C -40 to 185 °F

LIFE EXPECTANCY

Electrical (full load)	100,000
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Mechanical (no load)	SPDT = 5,000,000 DPDT = 10,000,000
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MISCELLANEOUS

Mounting Position	Any
Mating Socket	SPDT = SK-SQB11-DS DPDT = SK-CIR8-DS
Enclosure	Opaque Polycarbonate
Weight	SPDT = 4.4oz (125 grams) DPDT = 5.5oz (156 grams)
