

236 Series - Adjustable Voltage Sensor

SPDT, DPDT, 10-13 Amp



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****

GENERAL SPECIFICATIONS (@ 25° C)

Contacts:	SPDT, DPDT
Contact Configuration	Silver Alloy
Contact Material	
Contact Rating	SP = 13 Amp / 13 Amp, DP = 10 Amp / 10 Amp
120 / 240VAC Resistive	SP = 13 Amp, DP = 10 Amp
28VDC Resistive	1/3Hp
Motor 120VAC	1/2Hp
Motor 240VAC	500mW
Minimum Contact Load	100 milliohms max @ 6VDC
Contact Resistance, Initial	

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

Dielectric Strength:	500Vrms
Across Open Contacts	1500Vrms
Between Mutually Insulated Points	1,000 Mohms min @ 500VDC
Insulation Resistance	

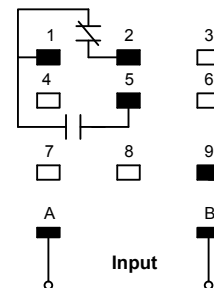
Temperature:	-20 to 55°C (-4 to 131°F)
Operating	-40 to 85°C (-40 to 185°F)
Storage	

Life Expectancy:	100,000
Electrical (full load operations)	SPDT = 5,000,000
Mechanical (no load operations)	DPDT = 10,000,000

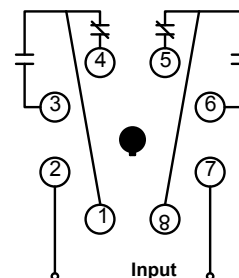
Miscellaneous:	Any
Mounting Position	SPDT = SK-SQB11-DS
Mating Socket	DPDT = SK-CIR8-DS
Accessories	Opaque Polycarbonate
Enclosure	SPDT = 4.4oz (125 grams)
Weight	DPDT = 5.5oz (156 grams)



236 Wire Diagram



Octal Base



Square Base

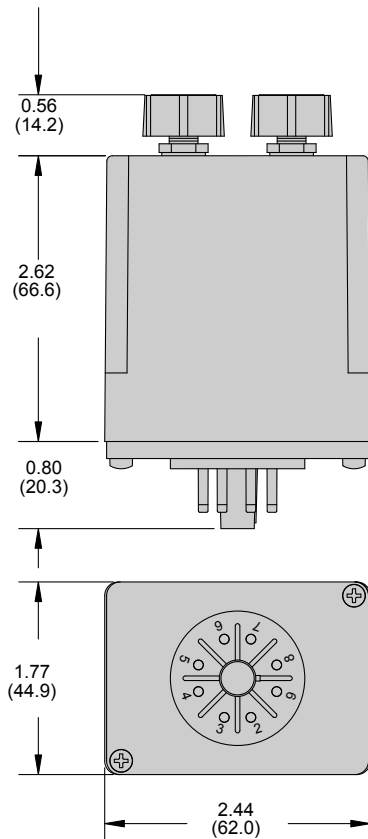
Timer / Sensor - Voltage Sensing Relay

10 - 13 Amp

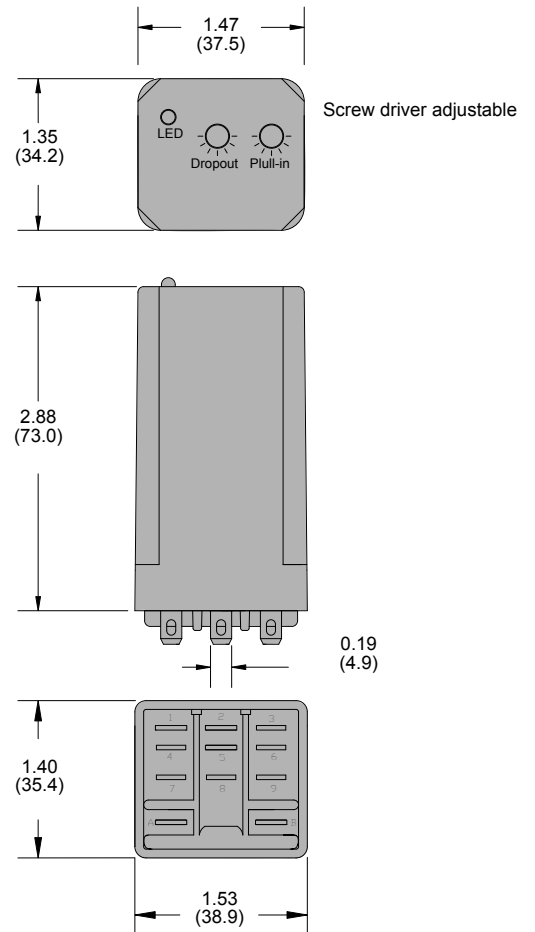
Outline Dimensions

Dimensions Shown in inches & (millimeters)

Octal Base



Square Base



236 Part Number Chart

Part number	Nominal input voltage
Octal Base	
236ACPX-1	120VAC
236ACPX-4	24VAC
236CPX-1	24VDC
Square Base	
236ACX-1	120VAC
236ACX-2	208/240VAC
236ACX-1	480VAC