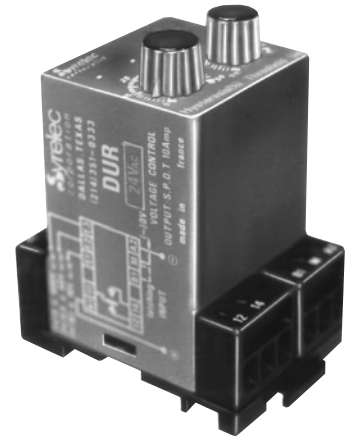


UR SERIES VOLTAGE CONTROL RELAY

UL listed CSA recognized



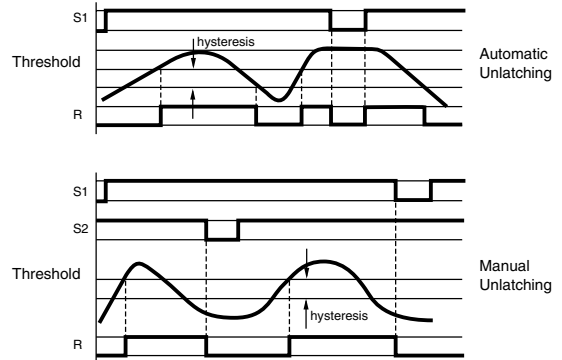
- AC or DC Voltage Control
- Manual or Automatic Operation
- Adjustable Threshold
- 5 to 50% Hysteresis Range
- LED Relay Status Indicator

1. AC/DC voltage control without latching:

The output relay is energized when the voltage (AC peak voltage) exceeds the selected threshold. It de-energizes when the voltage falls below the hysteresis setting (5 to 50%) or when supply breaks. The hysteresis is controlled by a potentiometer and its selection does not change the chosen threshold.

2. AC/DC voltage control with latching:

The output relay is energized when the voltage reaches the selected threshold and stays latched in this position. The contact between terminal B1 and M (or 8 or 9) should be opened or the input power of the device interrupted to reset.

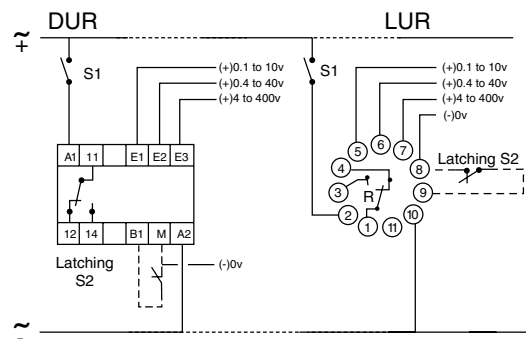


SPECIFICATIONS:

Input	24 VDC, 24, 48, 110, 220 VAC ±15%, 50/60 Hz		
Power consumption	24 VAC: 1 VA 48 VAC: 1.2 VA 110 VAC: 3.5 VA 220 VAC: 7 VA		
Control Range	Input Resistance	Acceptance load (input)	
AC or DC		Permanent (max)	Less than 10ms peak max.
0.1 to 10 V	10 kΩ	50 V	100 V
0.4 to 40 V	40 kΩ	100 V	300 V
4 to 400 V	400 kΩ	440 V	750 V
Hysteresis selection	5 to 50% of set point		
Repeat accuracy	±2% at a constant ambient		
Output Relay	SPDT Relay		
Contact material	AgCdO		
Maximum loading	10 A AC resistive 8 A DC inductive		
Maximum switching voltage	250 VAC		250 VDC
Relay maximum power rating	2200 VA		
Transient protection	2500 volts		30 W
Mechanical life of relay	30 x 10 ⁶ operations		
Electrical life of relay	2 x 10 ⁵ at 2400 VA resistive load		
Repetition accuracy	±0.5% at a constant ambient		
Response time	100 ms on make 200 ms on break		
Operating temperature	-4°F to +140°F		-20°C to +60°C
Weight	7 oz. (200g)		

Option: 24 VDC power – the voltage and the measured current must be from separate sources.

WIRING DIAGRAM:



ORDERING INFORMATION:



Products and specifications subject to change without notice.