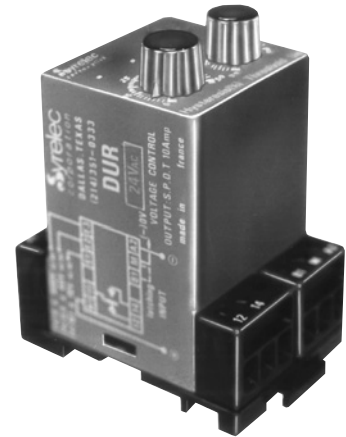


UR SERIES

VOLTAGE CONTROL RELAY

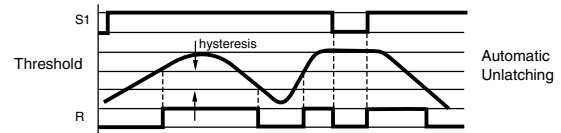
UL listed CSA recognized



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

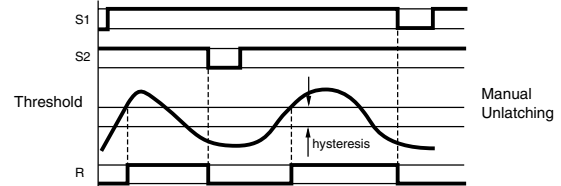
1. AC/DC voltage control without latching:

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.

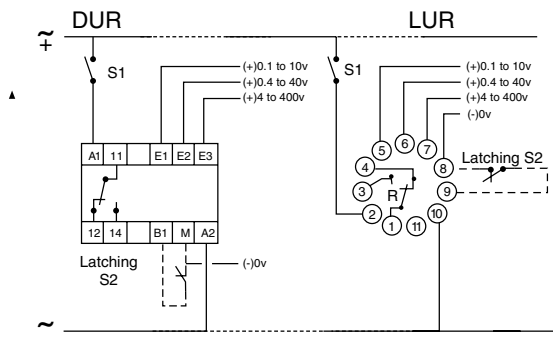


SPECIFICATIONS:

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	AC or DC
0.1 to 10 V	10 kΩ
0.4 to 40 V	40 kΩ
4 to 400 V	400 kΩ
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.