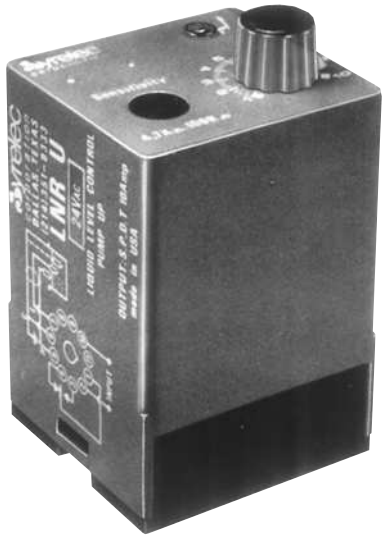
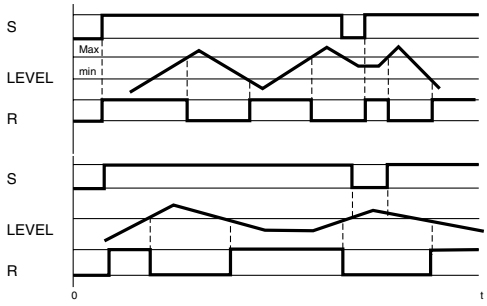
NRU SERIES
LIQUID LEVEL CONTROL
PUMP UP

UL listed CSA recognized



- **LED Relay Indicator**
- **Three Styles**
- **Pump Up Control**
- **4.7 kΩ to 100 kΩ Sensitivity**
- **10 Amp SPDT Relay**



Control of conductive liquids (tap water, sea water, sewage, chemical solutions, coffee, ice cream, etc.)

The relay is energized when the level falls below the low level probe. It de-energizes when the high level probe is reached. The NRU will also control a single level. In this case, a single probe is used and the relay operates when the probe is not immersed. The Max terminal is connected to common with a jumper.

In either case, a common electrode is needed if the container is non-conductive.

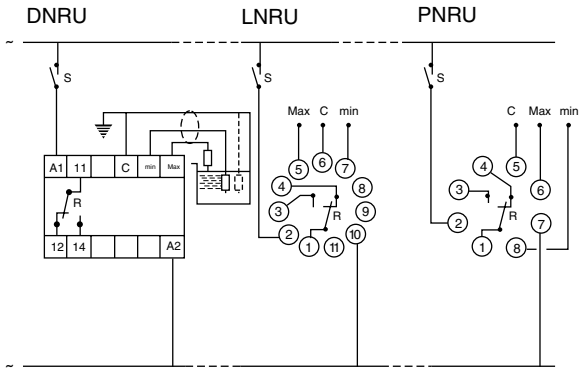
5

SPECIFICATIONS:

Input Power	.24, 48, 110, 220 VAC, ±15% (50/60 Hz)	
Maximum voltage	.24 VAC: 1.5 VA	
	48 VAC: 1.7 VA	
	110 VAC: 2 VA	
	220 VAC: 2 VA	
Output	.SPDT Relay	
Contact material	.AgCdO	
Maximum loading	.10A AC resistive	8A DC resistive
Maximum switching voltage	.250 VAC	250 VDC
Maximum power rating	.2500 VA	80 W
Electrical life	.2 x 10^5 at 2200 VA resistive load	
Mechanical life	.3 x 10^7 operations	
Probe isolation	.Electrodes: 2000 VAC	
Probe sensitivity	.4.7 K to 100 K ohms	
Probe voltage	.24 VAC, 60 Hz	
Probe current	.2 mA max.	
Operating temperature	.+14°F to +140°F	-10°C to +60°C
Weight	.7 oz. (200g)	

Note: The cable for probes (max 300ft) should be run in separate conduit. A shielded cable is recommended.

WIRING DIAGRAM:



ORDERING INFORMATION:

P — MOUNTING

NRU — SERIES

220D — INPUT POWER

MOUNTING
D = DIN-rail mounting
L = 11 pin plug-in
P = 8 pin plug-in

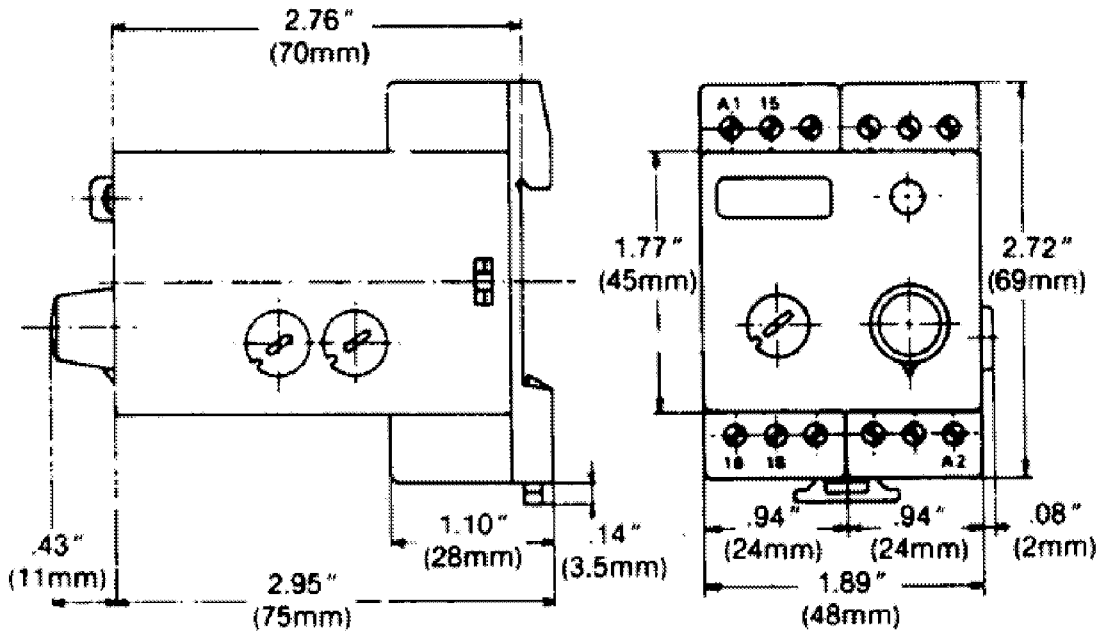
SERIES
NRU

INPUT POWER
24A = 24VAC
48A = 48VAC
110A = 110VAC
220A = 220VAC

Products and specifications subject to change without notice.
Consult factory for application assistance.

DIMENSIONS:

D - DIN-Rail



L & P - Sockets

