

### Function:

The CP-32 is a 32 point remote logic annunciator that offers features and flexibility that allows it to be used in most annunciation applications. The one-piece 19" rack mount construction contains all the I/O terminations, electronics, LED point displays and power supply. DIP switches allow the user to select different flashing sequences and customize the operation of the CP-32. The different flash sequences include: a) straight indication, b) flash on alarm, c) flash & latch on alarm, d) return to normal slow flash and e) first out alarm fast flash.

The CP-32 is microprocessor controlled for high reliability and versatility. Each alarm point has an LED indication as well as a drive capability of 200mA @ 24VDC making this annunciator compatible with most related products on the market today.

Three special function relay outputs are provided for additional functionality: Audible, Ringback and Reflash.

- The Audible relay is de-energized anytime an alarm is detected. The relay is reset (energized) by a contact closure on the Silence input.
- The Ringback (return-to-normal) audible relay is de-

energized anytime a point goes from an alarm condition back to normal. The relay is reset (energized) by a contact closure on the Silence input.

- The Reflash relay is de-energized when the first alarm condition is detected. Subsequent additional alarms cause the relay to pulse. This function allows the user to tie all points in a remote area to a common annunciator point in a control room or in a larger system.

Four contact inputs are used for user input: Silence, Acknowledge, Reset and Test.

- The Silence input is used to reset the Audible and Ringback relays
- The Acknowledge input is used to Acknowledge new incoming alarms. The flashing alarms will go solid-on after an Acknowledge contact closure
- The Reset input is used to turn off any outgoing alarms whether flashing or latched
- The Test input is used to turn on all 32 outputs and is intended as a lamp test feature to verify proper operation of all annunciation points. Special function relays are not affected by the Test input.

# CP-32

## Specifications:

Inputs: 32 Dry Contact Inputs, Normally Open or Normally Closed (Selectable)

Outputs: One LED per Point, 24VDC @ 200mA Output for External Indication

Power: 120/220VAC, 50/60Hz

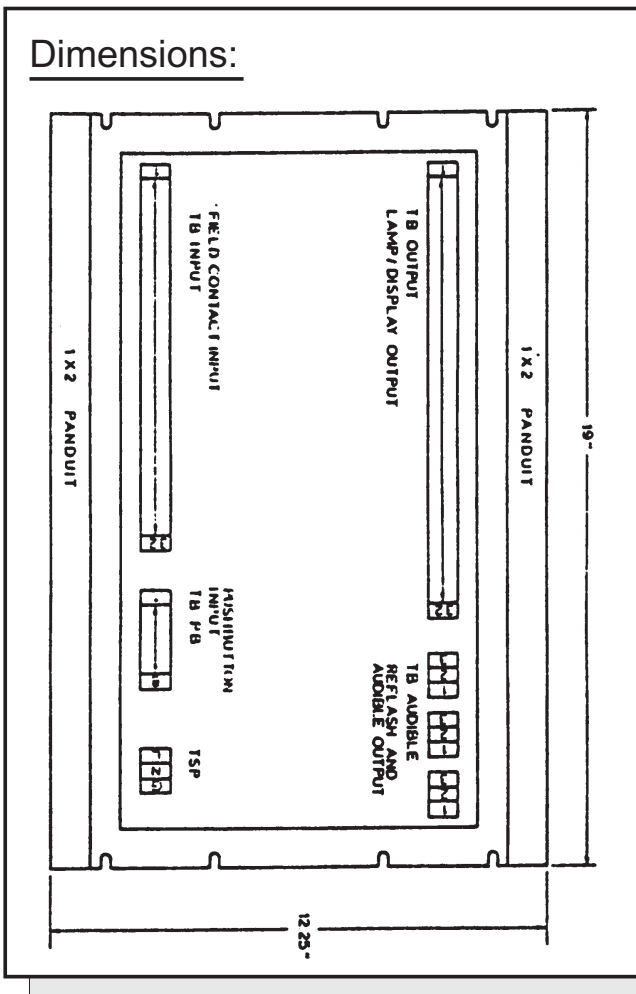
Control Inputs: 1. Acknowledge  
2. Reset  
3. Test  
4. Silence

Audible Relay: Normally Energized, De-energized on Alarm, Reset by Silence Input  
One Form 'C' Contact

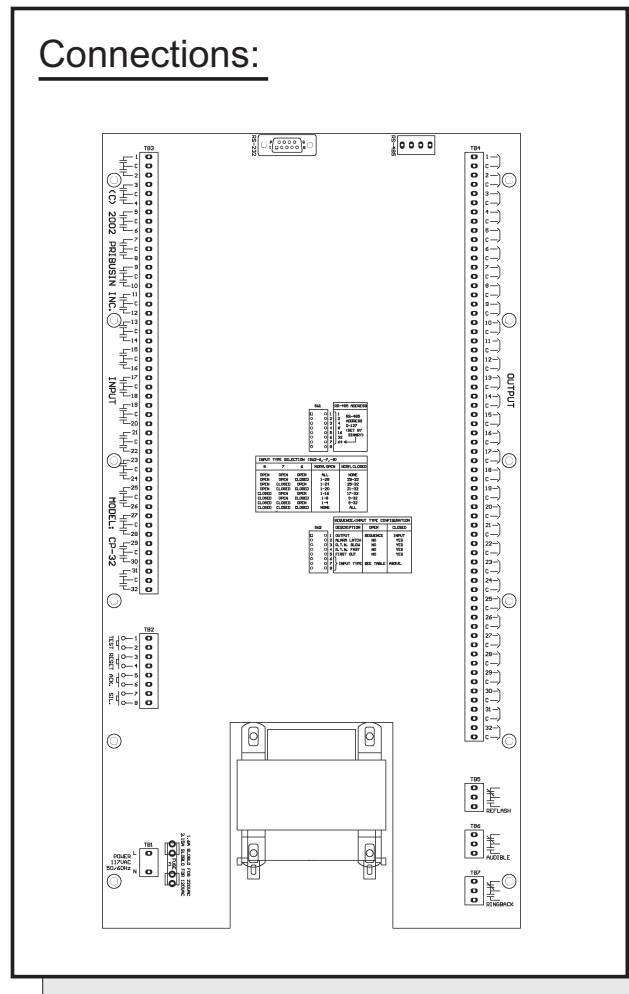
Ringback Relay: Normally Energized, De-energized on Alarm back to Normal, Reset by Silence Input  
One Form 'C' Contact

Reflash Relay: Normally Energized, De-energized on Alarm, Pulses on New Alarms  
One Form 'C' Contact

## Dimensions:



## Connections:



Manufactured By:



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