

## ADT131DITX Trip with Timer & Display

- Suitable for any process input
- Supply voltages: 115Vac  $\pm 20\%$   
240Vac  $\pm 20\%$   
24Vdc  $\pm 2.5V$   
48Vdc  $\pm 5V$
- AMELEC Standard 10 year warranty

### Technical Specifications

#### Input

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span

#### Trip

1 x Trip can be specified as High or Low, fail safe or non-fail safe. Trip range 0-110% of input, set by 15 turn blind set potentiometer. Trip time delay is active on trip and rest is immediate.

#### Timer Delay

Set by 15 turn blind set potentiometer in the range of 200 to 4000 seconds. Delay time can be monitored as frequency (Hz) on Test 1. Delay time =  $(1/\text{Freq}) \times 8192$ . A link across TB7/8 will put time to fast to aid testing.

#### Display

Continuous display of the input signal on a 3½ LCD display. On operating push button the display will show the trip set point in the same scale. The display range can be specified in the range -1999 to +1999.

#### Isolation

1000V RMS. Input/Output/Contacts/Supply

#### Performance

Trip settability:  $\pm 1\%$   
Trip repeatability:  $\pm 0.1\%$

#### Environmental Conditions

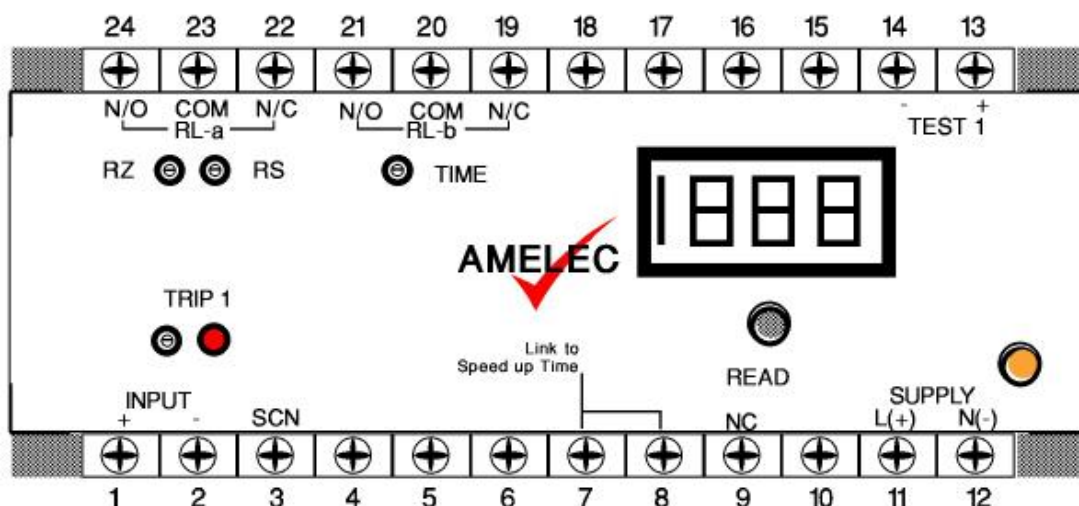
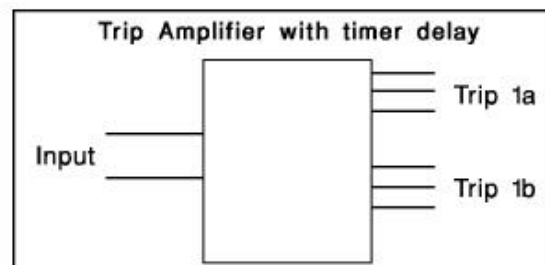
Storage Temperature: -40 to 70°C  
Operating Ambient: -15 to 55°C  
Relative Humidity: 5 – 95% RH

#### Outputs

Trip output is a D.P.C.O. contacts, rated at 250VAC, 2A, 100VA (resistive)

#### Dimensions

152w x 81h x 137d (mm)



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