

## ADT131TX Process Single Trip Amplifier with Delay

- Suitable for SIL 1, 2 or 3 applications
- Suitable for any process input
- Supply voltages: 115Vac  $\pm 20\%$   
240Vac  $\pm 20\%$   
24Vdc  $\pm 2.5V$   
48Vdc  $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty
- Digital Indication available

### Technical Specifications

#### Input

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

#### Delay

Based on analogue technique, time delay can be set by 15 turn blindset potentiometer. Up to 20 sec can be specified. Adjustment 10:1 ratio.

#### Output

In a typical high trip application, the relay will change state when the input exceeds the trip level for a time period greater than that set on the delay potentiometer. If the input goes back into the healthy state the trip will go back into the healthy state, the time is reset.

#### Isolation

1000V RMS\* Input/Output/Supply/Earth  
\*(500Vdc if RFI option 'K' is specified)

#### Environmental Conditions

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

#### Input Load / Output Capacity

#### Input

Minimum Input span 400mV

#### Output

D.P.C.O. 250Vac 2A 100VA resistive

#### Dimensions

50w x 75h x 110d (mm)

### WIRING

