

## ADT319XT Sample Comparitor Trip Amplifier

- 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

### Environmental Conditions

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

### Isolation

1000V RMS. Input/Contacts/Supply

### Dimension

152w x 81h x 137d (mm)

### Technical Specifications

#### Input

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

#### Outputs

Changeover relay contacts rated at 250VAC, 2A to de-energise on Trip.

#### Function:

Sampling and comparing the input signal every 60 seconds, to detect whether the input signal level has varied by more than the Trip level set.

(Trip set point adjustable over 0 to 1mA deviation range)

