

## ADT125 RTD Differential Single Trip Amplifier

- Suitable for SIL 1, 2 & 3 applications
- Suitable for BS1904 2 Wire RTD's
- 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

From 2 x 2 wire resistance temperature sensors

#### Output

In a typical high trip application, the trip will change state when the input exceeds the level set on TRIP 1 and return to normal when it falls 1% below it.

#### 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

#### Typical Input

2 x 2 wire sensors 0-100°C

#### Output

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

#### Dimensions

50w x 75h x 110d (mm)

