

## ADT142 Potentiometer Dual Trip Amplifier

- Suitable for SIL 1, 2 or 3 applications
- Suitable for any potentiometer or resistance variation 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

From any wire wound potentiometer  
Version available for plastic film pot's  
A two wire resistance variation can be connected to the ADT142 by linking terminals 2 to 3.

#### Output

Each trip output is a set of changeover contacts, rated at 250Vac, 2A, 100VA resistive.

#### 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 10Ω

#### Output

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

#### Dimensions

50w x 75h x 110d (mm)

