

ADT142X 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 potentiometer (conductive plastic or wirewound) with a resistance of greater than 1K Ω

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 10 Ω

Output

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

Dimensions

50w x 75h x 110d (mm)

