

ADT131X-RSP Trip Amplifier with Remote Set point

- 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

Input 1 any current or voltage drive that can be terminated in a PI network to produce a 400mV span. Input 2 is remote trip setpoint, nominally 5K potentiometer.

Output

In a typical high trip application, the trip relay will de-energise and Red LED will energise when the input exceeds the level set on remote trip setpoint and return to normal when it falls 1% below it. Relay output will failsafe on for high or low trip on Input open circuit and Loss of power.

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

