

ADT131X Process Single Trip Amplifier – Reset Set Trip 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

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

Output

S.P.C.O. contacts 250Vac 2A 100VA resistive. In a typical high trip application, the trip will change state when the input exceeds the level set on the external 5K Ω potentiometer and return to normal when it falls 1% below it.

Isolation

1000V RMS Input/Output/Supply/Earth

Environmental Conditions

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

Performance

Trip settability $\pm 1\%$ *
Trip repeatability $\pm 0.1\%$ *
Response time <400ms

* (may be affected by the external potentiometer)

Dimensions

50w x 75h x 110d (mm)

