

ADT132T Trip Amplifier with Delay

- Suitable for SIL 1, 2 & 3 (IEC61508-2)
- 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

Trip/Delay

Trip setting range 0-100% set by 15 turn blindset potentiometer. Delay range can be specified in the range of 1 to 60 seconds, set by 15 turn blind set potentiometer.

Outputs

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

Isolation

1000V RMS Input/Output(s)/Supply/Earth

Performance

Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: $< 400\text{ms}$

Environmental Conditions

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

Dimensions

50w x 75h x 110d (mm)

WIRING

