

ADT132VK Process Trip Amplifier

- 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 ($<10V/m$)
- 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

Deadband

Adjustable Hysteresis 0.5 to 30% of span

Outputs

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

Isolation

500Vdc between Input/Output(s)/Supply/Earth
Open circuit response may be specified as Upscale or Downscale

Performance

Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: $<100ms$

Environmental Conditions

Storage Temperature: -40 to $70^{\circ}C$
Operating Ambient: -15 to $55^{\circ}C$
Relative Humidity: 5 – 95% RH

Dimensions

50w x 75h x 182d (mm)

