

ADT182LX Frequency Dual Trip Amplifier

- Suitable for SIL 1, 2 or 3 applications
- 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
- Suitable for SIL 1 or 2 Safety Loop (1oo1 architecture)
- Digital Indication available

Technical Specifications

Input

1. Option of pulse, sine, square or sawtooth waveform.
Minimum 0 to 100% Span: 25Hz, maximum Span 15KHz

2. Remote Control Contact Closure T2 latching Relay

Output

Each trip output is a set of changeover contacts, rated at 250VAC, 2A, 100VA (resistive).
Relays De-energise on Trip, Red LED indicator extinguishes.

Operation

Trip 1 = Low/Fault @ 1% Span / Loss of Sensor
Trip 2 = High Trip, Latching Relay, Remote Reset

Input Open Circuit Response Downscale

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

Dimensions

50w x 75h x 110d mm

