

ADT182X Directional Trip Amplifier

- 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 (per channel)

Can be specified as: Volt free contacts (wetted with 10V @3mA) Voltage pulses from 5V to 200V. Current from 100uA (AC/NPN/PNP/TTL/OPENCOLLECTOR/RELAY)

Output

Input A leading B = Forward LED energised.
RL1 change status.
Input B leading A = Reverse LED energised.
RL2 change status.

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

S.P.C.O. 250VAC 2A 100VA resistive

Dimensions

50w x 75h x 110d (mm)

WIRING

