

ADT131DIM Two wire Trip Amplifier with Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for two wire 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

Technical Specifications

Input

Two wire input. Excitation Voltage 24Vdc
@21mA max. Open circuit response
may be specified as Upscale or Downscale

Outputs

Each TRIP output has a set of changeover
contacts, rated at 250VAC, 2A, 100VA (resistive).
Display of the I/P signal on a 3½ digit LCD.
Front facia read button shows the trip set point.
Calibration Range: -1999 to +1999

Isolation

1000V RMS* Input/Output/Supply/Earth
*(500Vdc if RFI option (K) is specified)

Performance

Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: <400mS

Environmental Conditions

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

Mounting/Dimensions

50w x 75h x 145d (mm)
RFI 'K' option: 182d (mm)

