

ADT131DIK Process Trip Amplifier with Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for process inputs
- 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

Technical Specifications

Input

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span.

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

Input Open circuit response

Open circuit response may be specified as Upscale or Downscale for the trip

Isolation

500Vdc Input/Output/Supply/Earth

Performance

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

Environmental Conditions

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

Mounting/Dimensions

50w x 75h x 182d (mm)

