

ADT132 Process Trip Amplifier

- Suitable for SIL 1, 2 or 3 rated safety loop applications (IEC61508-2)
- Supply voltages: 20Vac $\pm 20\%$
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 (DI option)

Technical Specifications

Input

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

On input going open circuit the unit will drive downscale as standard.

(Upscale drive available on request - X option)

Outputs

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

Isolation

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

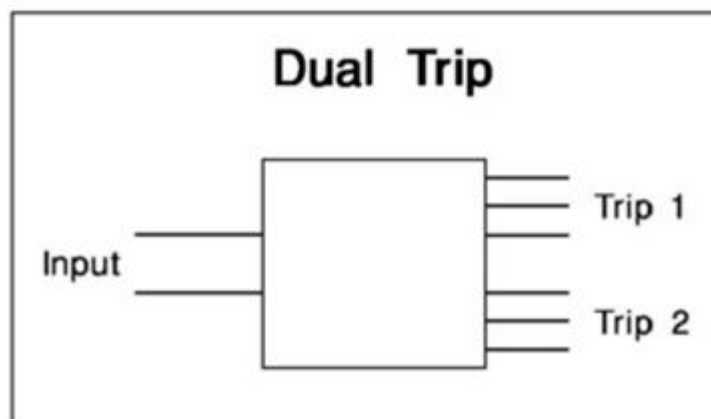
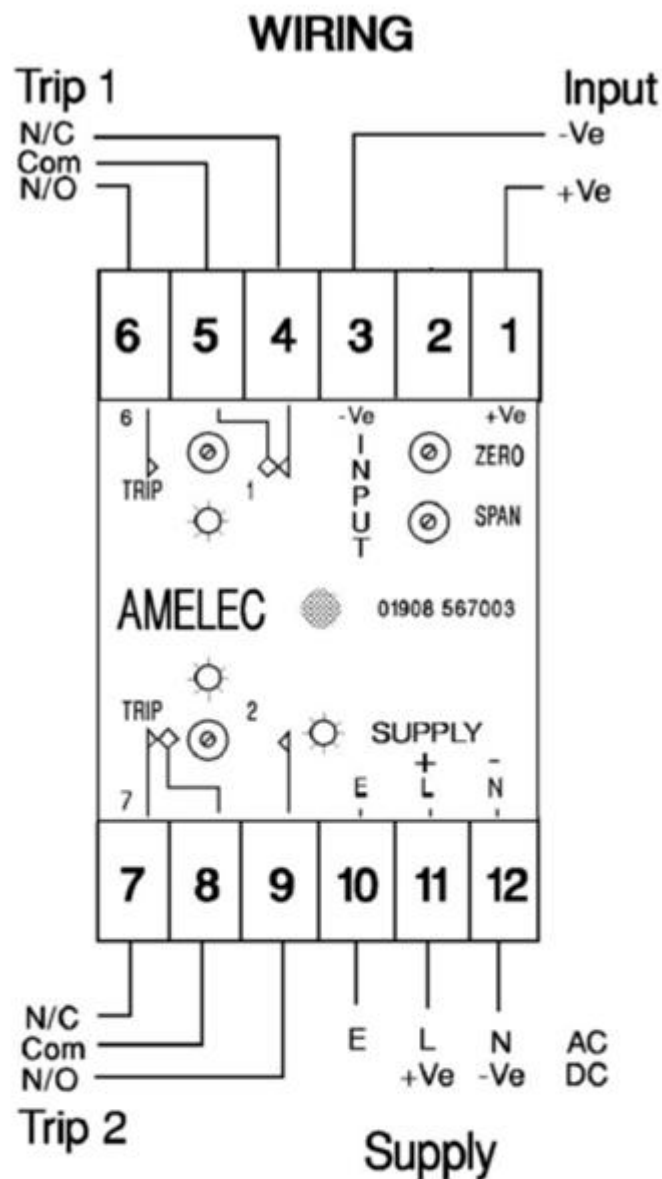
Performance

Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: $< 100\text{ms}$
Deadband: 1% Span std.
(Variable 0.5%-20% db available - V option)

Environmental Conditions

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

Dimensions



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