

ADT132JK Process Trip Amplifier

- Suitable for SIL 1, 2 or 3 rated safety loop applications (IEC61508-2)
- 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
- Digital Indication available

Technical Specifications

Input

Any current or voltage drive that can be terminated in a PI network to produce a 400mV span.
Fitted with an input injection jack to enable the input loop to be broken and the electronics to be driven by an external current source. The integrity of the original loop is maintained throughout.

Deadband

Standard 1% Span
(Adjustable from 0.5 to 20% of span available)

Outputs

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

Isolation

500V dc Input/Contacts/Supply/Earth
Open circuit response standard Downscale.
(Upscale response option available)

Performance

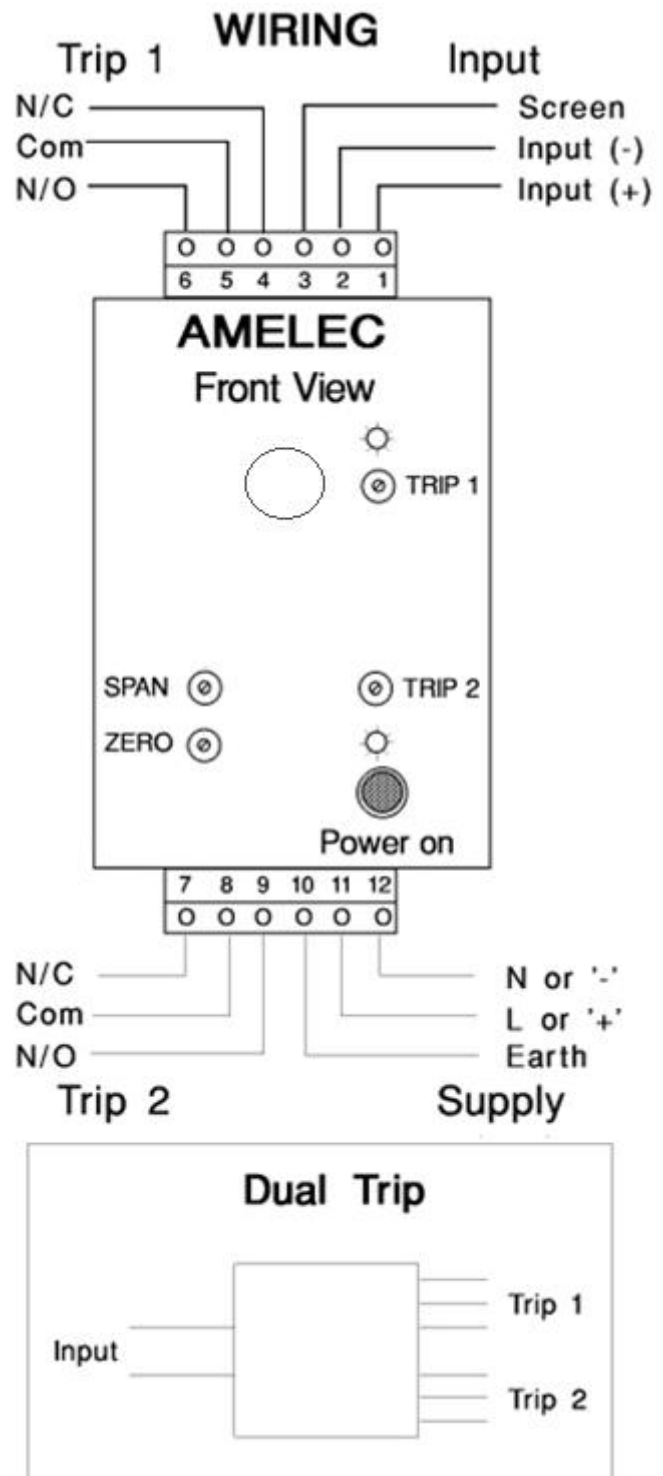
Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: <100mS

Environmental Conditions

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

Dimensions

50w x 75h x 182d (mm)



Mounting Options

Heavy duty Din Rail as standard.

Surface by Seismic key hole plate available

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