

ADT132V-RIS-ET7215 Process Dual 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 available (K option)
- AMELEC Standard 10 year warranty
- Digital Indication available (DI option)
- 24Vdc @ 22mA two wire I/P loop excitation available (M option)

Technical Specifications

Input

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

Deadband

Adjustable from 0.5 to 20% of span via 15 turn blindset potentiometers.

Output Contacts

2-Pairs N.O or N.C per set point, rated 3A 240Vac resistive load.
Set point adjustments via 15 turn blindset potentiometers.

Isolation

1000V rms Input/Contacts/Supply/Earth
Open circuit response standard Downscale.
(Upscale response option available - X option)

Monitor Points

0-5 Vdc representing full input Span

Performance

Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: $< 100\text{ms}$

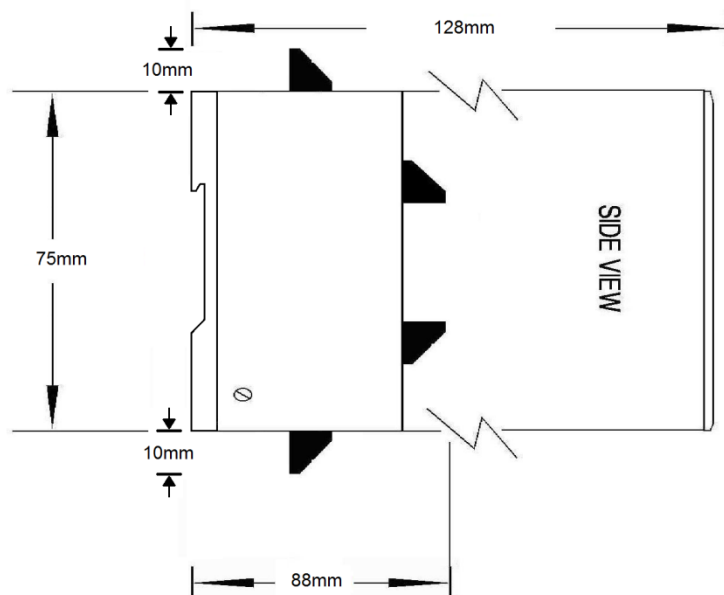
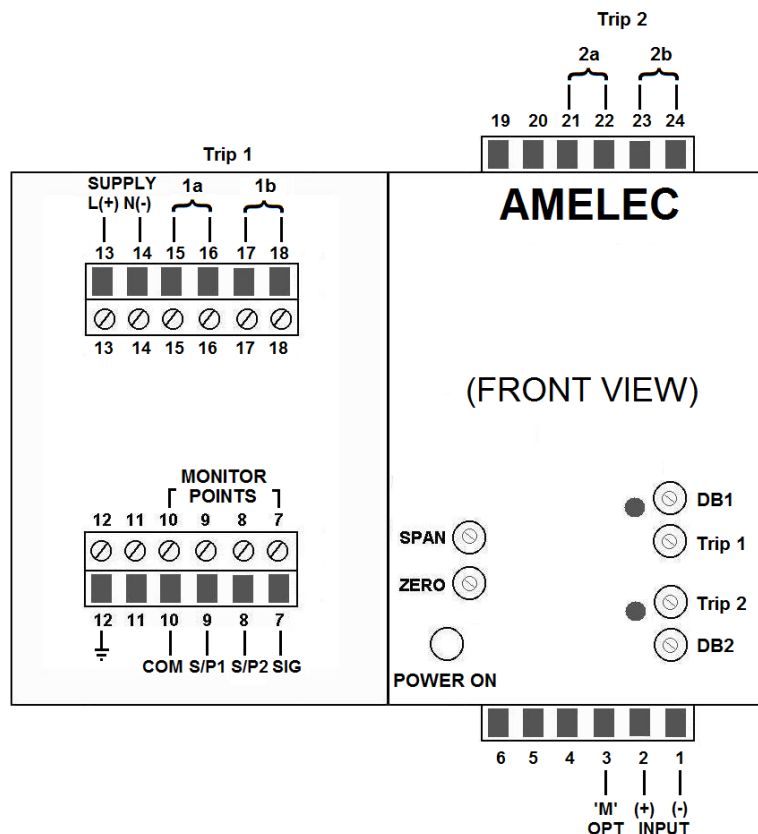
Environmental Conditions

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

Dimensions

100w x 75h x 128d (mm)

Wiring



Mounting Options

Heavy duty Din Rail as standard.

Surface by Seismic key hole plate available.

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