

ADT139X Differential Process Trip Amplifier

- Suitable for SIL 1, 2 or 3 applications
- Suitable for any process 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

Any current or voltage drive that can be terminated in a PI network to produce a 400mV spans and share a common zero reference.

Output

Each output is a set of Normally Open contacts, rated at 250VAC, 2A, 100VA resistive.
TRIP 1 = A>B TRIP 2 = B>A

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

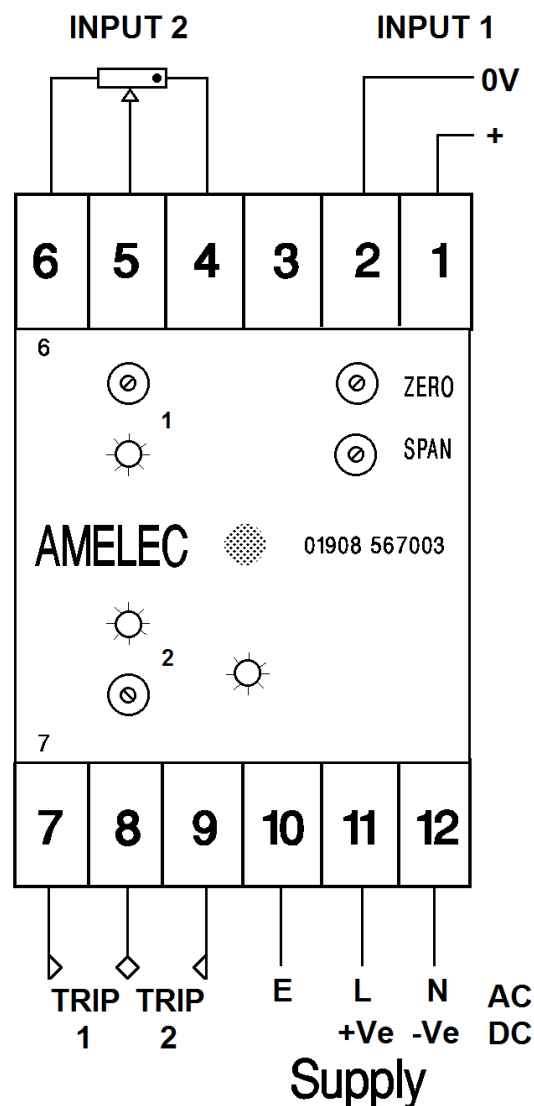
Environmental Conditions

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

Mounting/Dimensions

50w x 75h x 110d (mm)

WIRING



Double Trip

