

ADT139X-2 Dual Channel Diff Trip Amplifier

- Suitable for any process inputs
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- AMELEC Standard 10 year warranty

Technical Specifications

Input

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

Output

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

Function

Deviation limit set by 15 turn potentiometers.
Trip 1, 2, 3 & 4. Red LED distinguishing to show signal outside limit.
RELAY 1 = A>B / B>A
RELAY 2 = C>D / D>C

Isolation

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

Performance

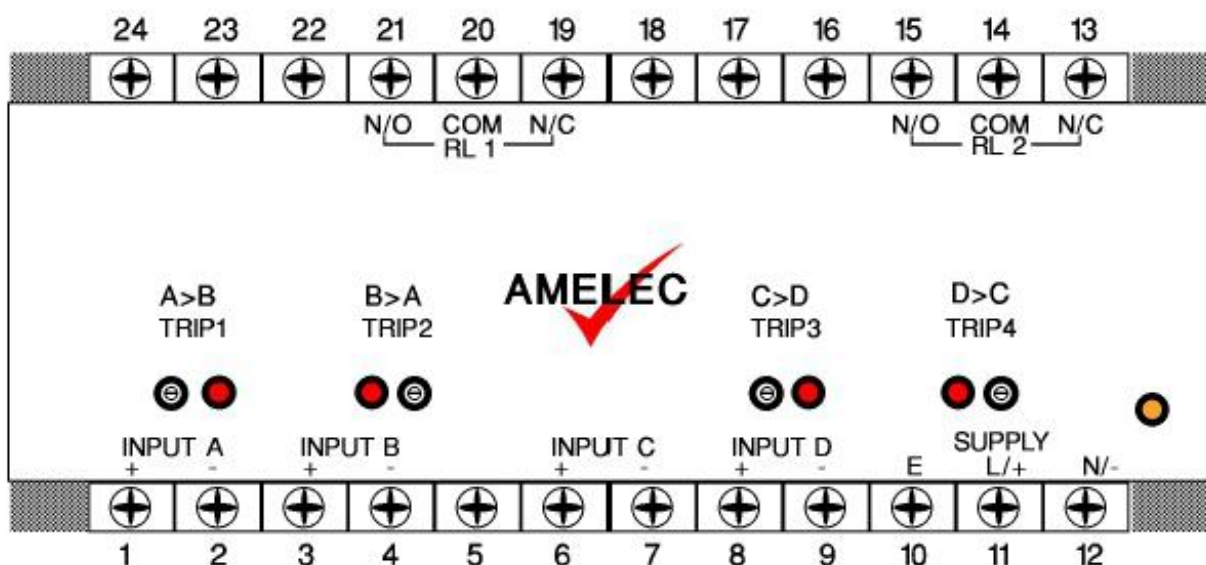
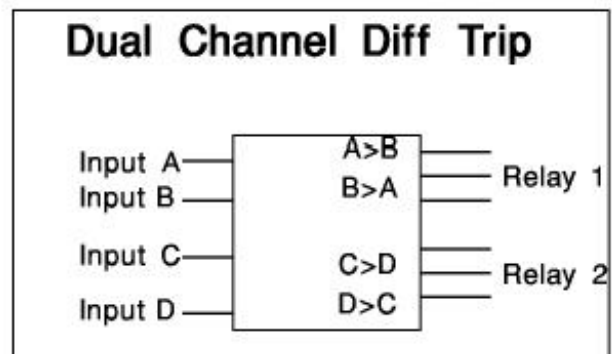
Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: <400ms

Environmental Conditions

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

Dimension

152w x 81h x 137d (mm)



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