

## ADT138XDI Dual Channel Dual Trip Amplifier

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

### Technical Specifications

#### Inputs

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

#### Outputs

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

#### Display

4xFront facia Red LED's, to show each relay status.  
ON when energised/healthy.  
Continuous Indication of the input signal on a 3½ digit LCD, with Channel 1 or 2 selectable by Toggle switch on front facia.  
Factory settable in range -1999 to +1999.

#### Performance

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

#### Environmental Conditions

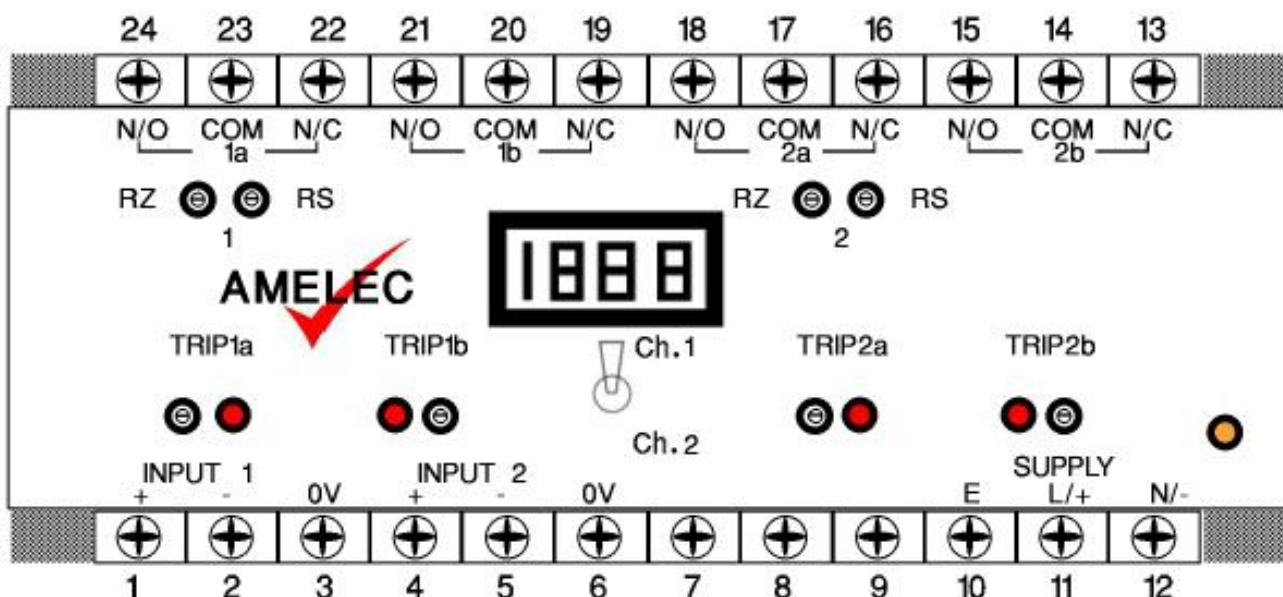
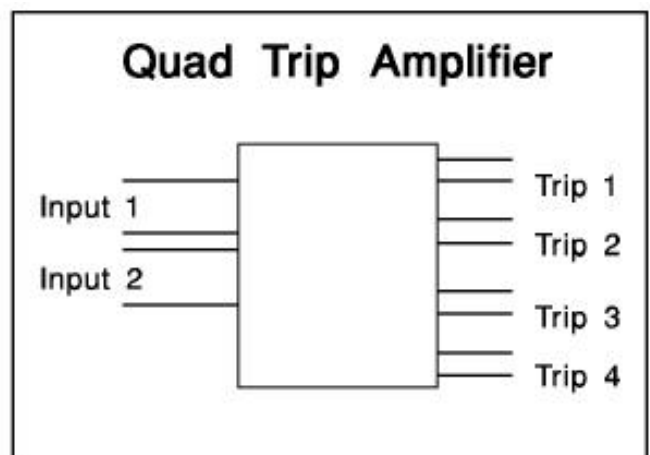
Storage Temperature:  $-40$  to  $70^\circ\text{C}$   
Operating Ambient:  $-15$  to  $55^\circ\text{C}$   
Relative Humidity: 5 – 95% RH

#### Isolation

1000V RMS. Input(s)/Contacts/Supply/Earth  
Input open circuit response: Downscale

#### Dimension

152w x 81h x 137d (mm)



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