

# **ADT131LT Process Trip Amplifier with Latch & Time Delay**

- Suitable for SIL 1, 2 or 3 applications
- Suitable for any process input
- Supply voltages: 115Vac ±20%

240Vac ±20% 24Vdc ±2.5V

48Vdc ±5V

- RFI Protection to IEC61000-4-3 available
- 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. Input O/C drive downscale.

#### Delay

Delayed trip action with automatic timer rest if the signal recovers before the timer times out. Delay period set by 15 turn potentiometer.

#### Latch/Reset

Latching trip action. Once the unit goes into trip, it remains in trip until it is reset by applying contact closure across TB 5 & 6.

## **Trip**

Trip can be specified as High or Low, set by 15 turn blindset potentiometer.

#### Output

1 x N.O. & 1 x N.C. 250Vac 2A 100VA resistive

#### <u>Isolation</u>

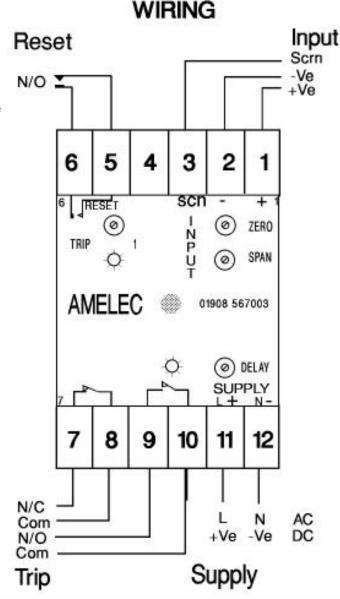
1000V RMS\* Input/Output/Supply/Earth \*(500Vdc if RFI option 'K' is specified)

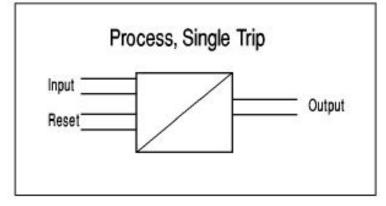
#### **Environmental Conditions**

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

# **Dimensions**

50w x 75h x 110d (mm)





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