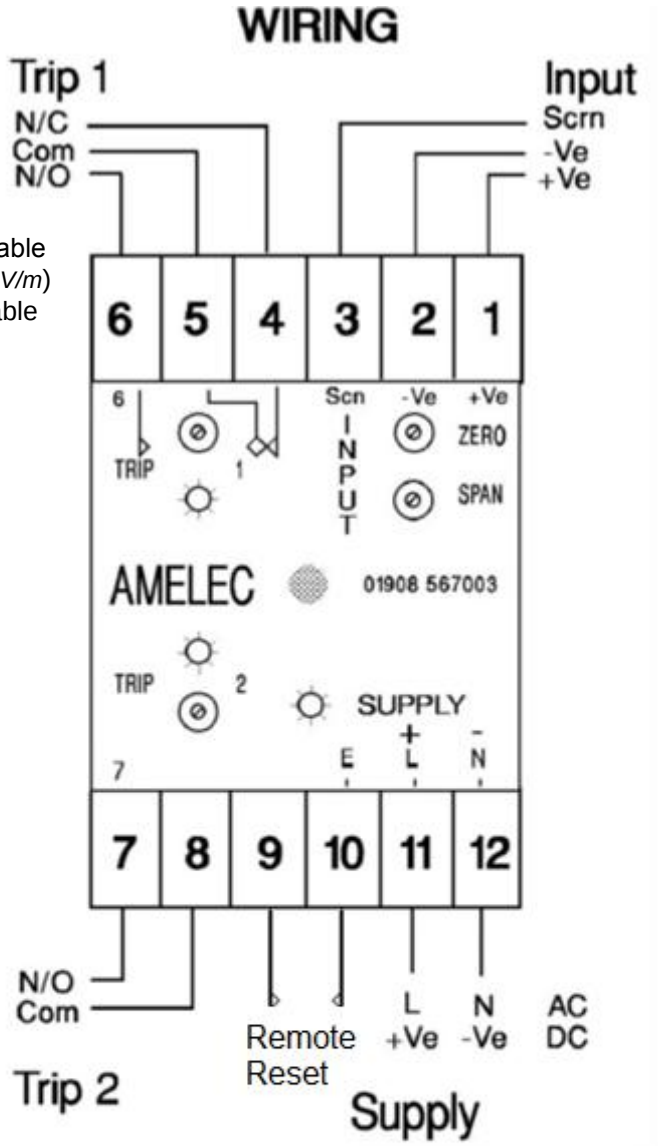
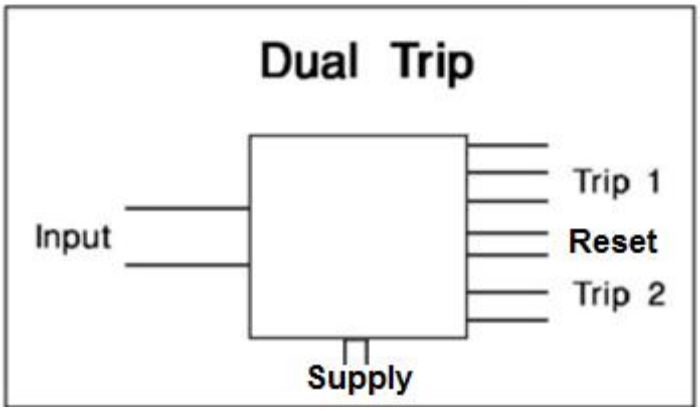
ADT132LX Dual Trip Amplifier with Latching Relays + Remote Reset Facility

- Suitable for SIL 1, SIL 2 or SIL 3 rated (IEC61508-2) safety system loop applications
- Supply voltage options: 20Vac ±20%
  115Vac ±20%
  240Vac ±20%
  24Vdc ±10%
  48Vdc ±10%
- RFI Protection to IEC61000-4-3:2006/A2:2010 option 'K' available (*20-3000MHz ≤10V/m, 80-1000MHz ≤30V/m, 889MHz-1.75GHz ≤40V/m*)
- 24Vdc @22mA two-wire Input loop Excitation option 'M' available
- Fixed or Variable Time Delay into Trip 'T' option available
- Front fascia Digital Display 'DI' option 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 span.
Typical inputs: 4-20mA, 0-10mA, 1-5Vdc or 0-10Vdc

Outputs
Each trip output is a set of Latching Relay contacts (T1=SPCO, T2=N.O), with a common Remote Contact Reset facility changeover contacts, rated at 250VAC, 2A, 100VA resistive.
Relays De-energise on Trip & Fail Safe on loss of power as std
Red LED indication of each relay status
(ON Energised/healthy, Extinguish in Trip/De-energised state)

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

Performance
Trip settability: ±1%
Trip repeatability: ±0.1%
Response time: <100mS
Deadband: 1% Span as std.
(Variable hysteresis 0.5%-20% span available – 'V' option)
Input Open Circuit response: Downscale drive as std
(O/C Upscale drive available on request – 'X' option)

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)

Mounting
Din Rail (TS35) ***or*** Surface by corner fixing holes as std

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