

## ADT132LXXK DC Current Trip Amplifier

- Supply voltage:
  - 115VAC  $\pm 20\%$**
  - 230VAC  $\pm 20\%$**
  - 24VDC  $\pm 2.5V$**
- Amelec standard 10 year guarantee
- Suitable for SIL Level 1 & 2 (IEC 61508-2)
- RFI protection to IEC61000-4-3 (up to 10V/metre)

### TECHNICAL SPECIFICATION

#### FUNCTION

High & Low trip with latching relay contacts. Trips reset by either local push-button on unit front fascia or via remote contact closure.

#### INPUT

Up to 1Amp DC current can be specified

#### OUTPUT

2 x N.O. relay contacts rated 2A 240Vac at 100VA

#### ISOLATION

500V dc between input(s), contacts, supply and earth. Open circuit response may be specified as upscale or downscale.

#### PERFORMANCE

Trip settability:  $\pm 0.1\%$   
 Trip repeatability:  $\pm 0.1\%$   
 Response time: <100mSec max.

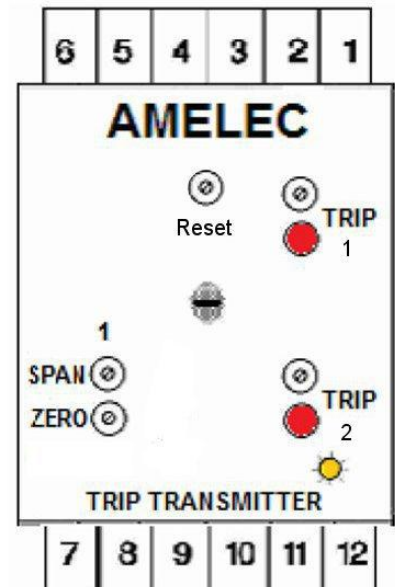
#### ENVIROMENTAL CONDITION

Storage temperature: - 40 to +70 °C  
 Operating Ambient: -15 to +55 °C  
 Relative Humidity: 5 to 95% RH  
 RFI Immunity: <1% of span error  
 10V/m; 20 to 1000MHz

#### Termination

Input +	1
Input -	2
Remote Reset	3
Contact	4
Relay 1 N.O.	5
Relay 1 Com	6
Relay 2 N.O.	7
Relay 2 Com	8
	9
Earth	10
Live / +	11
Neutral / -	12

#### Front View



#### MOUNTING / DIMENSION

Enclosure: 50w x 75h x 182d  
 Mounting: Din rail / Surface (optional Panel Mount)  
 Weight: <500g

#### ADD ON / OPTIONS

J: Input injection jack socket  
 P: Test Point (Trip set point monitoring)  
 T: Time Delay Trip Relay  
 Non-standard Power supply ranges available