

AST131X Process Trip Amplifier

- ★ Suitable for SIL 1, SIL 2 & SIL 3 rated applications
- ★ Suitable for combinations of process Inputs & Outputs
- ★ Supply Voltage 24Vdc \pm 2.5V
- ★ Amelec Standard 10 year guarantee

Technical Specifications

Input

Signals are routed into a pi network to develop a 400mV span.

Typical Inputs

0-10mA, 0-20mA, 4-20mA

1-5V, 0-10V

Output

Hi-Trip relay output is 2 x changeover contacts rated at 250VAC, 2A, 100VA resistive.

Input open circuit response - Upscale Drive

Failsafe

Relay failsafe on loss of signal and power.

ISOLATION

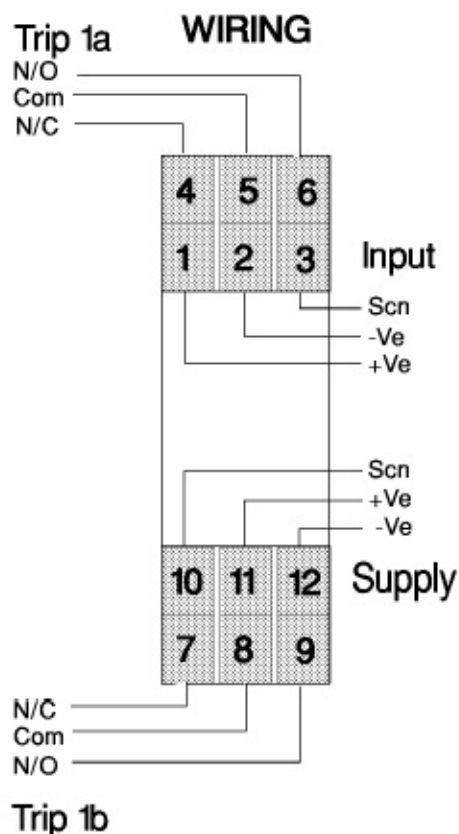
1000V RMS between input, contacts, supply and earth

Field Selection

The on board jumpers enable the customer to change the trip mode.

Dimensions

H: 75mm W: 22.5mm D: 110mm



Trip mode jumper position

	SW1	
HIGH		Normally Energised
LOW		Normally Energised

