

ADC313X-RTD RTD Signal Selector

- Suitable for SIL 1 & SIL 2 rated (EN 61508) safety instrumented system (SIS) loop applications, as 1oo1 architecture (HFT:0)
- Non-Smart / Non-uProcessor based, Type 'A' component.
- Supply options: 24Vdc / 48Vdc
- AMELEC Standard 10 year warranty

Technical Specifications

Input 1 & 2

3 Wire RTD / 3 wire Potentiometer

Input 3

Volt Free contact. Wetting current <1mA @ 10V.

Indicator

1 x Red LED: Normally Extinguished, distinguished when input 3 contact closed.

Output

Input 3 contact open: Output = Input 1

Input 3 contact Closed: Output = Input 2

Isolation/Protection

1000V rms (Input1+ Input2 + Output) & (Input3 + Supply)

Environmental Conditions

Storage Temperature: -40 to +70°C

Operating Ambient: -20 to +70°C

Relative Humidity: 5 – 95 RH (Non-condensing)

EMC: 2014/30/EU Standard EN 61326-1:2013 (Controlled EM)

Mounting

Din Rail (TS35) or Surface by corner fixing holes as standard

Dimensions

50w x 75h x 110d mm

WIRING

