

ADM246DI Resistance Trip Transmitter with Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for 2 & 3 wire resistance temperature sensor (BS1904)
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
48Vdc $\pm 5V$
- RFI Protection to IEC61000-4-3 available
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Any 2 or 3 wire resistance temperature sensor.
Third wire compensation is standard to overcome lead resistance variation (Min range 0-50°C).

Outputs

The unit has 2 trip outputs, N.C or N.O. contacts, rated at 250VAC, 2A, 100VA resistive
Any standard process current or voltage
Current source up to 20mA @ 11Vdc
Voltage source up to 10V @ 20mA

Display

The I/P signal on a 3½ digit LCD. Front facia read buttons show the trip set point.
Calibration range: -1999 to +1999

Isolation

1000V Input/Output(s)/Supply/Contacts/Earth
Open circuit response supplied as Upscale

Performance

Trip settability: $\pm 1\%$
Trip repeatability: $\pm 0.1\%$
Response time: <400ms

Environmental Conditions

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

Dimensions

50w x 75h x 145d (mm)
RFI 'K' Option 187d (mm)

