

ADM222XDI RTD Trip / Transmitter with Display

- Suitable for SIL 1, 2 & 3 applications
- Suitable for 2 and 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 one trip set point with Dual N.C or N.O. contact outputs 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 of 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 between Input/Output/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 182d (mm)

