

AGS1119R Two out of Three RTD Temperature Trip Amplifier

- Suitable for SIL 1, 2 & 3 rated safety loop applications
- Suitable for any RTD Input Span > 50°C
- Supply Voltages: 24Vdc $\pm 2.5V$
- Amelec Standard 10 year warranty

Input

Any three or two wire RTD input with span greater than 50°C.

Outputs

Common Trip output is a 2 x changeover contacts, rated at 110Vac, 1A, 100VA (resistive)

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

Isolation

1000VDC
 Input/Input/Contacts/Supply

Dimension

152W x 137D x 81H

Trip Function

Alarm each on high, fail safe, set by fifteen turn blindset potentiometer, each channels independently adjustable over the full input range.

Three green LED's, one for each RTD input, identified as TRIP 1,2 & 3. LED's to extinguish on alarm to show which input has caused the alarm.

One RED LED identified as COMMON to eluminate on any one or more input going into alarm. One common relay to de-energise on alarm (Fail Safe) giving two changeover contacts.

Wiring

