

ADT181X PLC WATCHDOG RELAY

- Suitable for SIL 1, 2 or 3 applications
- 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

1mSec Pulse within every 10mSecs from PLC Green LED indication of Pulse Sensed.

Output

SPCO Relay, 250Vac 2A 100VA resistive Trip Low, Fail Safe, Relay remains Energised for Healthy Pulse Rate detected.

Relay will De-energise For (i) No Pulse seen >10mS
(ii) Loss of Power Supply

Isolation

1000V RMS* Input/Output/Supply
*(500vdc if RFI option 'K' is specified)

Environmental Conditions

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

LED Status Indicators

Amber - Power ON
Green - Input Sense
RED - Relay Energised/Healthy

Dimensions

50w x 75h x 110d (mm)

WIRING

