

ADT116 Millivolt Dual Trip Amplifier

- Suitable for SIL 1, 2 & 3 applications
- Suitable for any Millivolt input
- 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 signal from 4mV to 300mV

Output

Each trip output has a changeover contact, rated at 250VAC, 2A, 100VA (resistive)

Isolation

1000V RMS* Input/Output/Supply/Earth

*(500Vdc if RFI option (K) is specified)

Open circuit response may be specified as Upscale or Downscale

Performance

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

Environmental Conditions

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

Dimensions

50w x 75h x 110d (mm)

