

ADP452EPHS Voltage Transducer

- Suitable for combinations of AC Inputs & DC Outputs
- 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

Standard 0-1V or 0-600V

Intermediate ranges available at no extra cost

Output

Any standard process current or voltage

Current source up to 20mA. Drive voltage 24Vdc

Voltage source up to 10V. Max current 20mA

Isolation

1000V RMS. Input/Output/Supply/Earth

Linearity $< \pm 0.1\%$

Response Time

$< 60\text{ms}$ (I/P $f=50\text{Hz}$)

$< 20\text{ms}$ (I/P $f=400\text{Hz}$)

Environmental Conditions

Storage Temperature: -40 to 70°C

Operating Ambient: -15 to 55°C

Relative Humidity: 5 – 95% RH

Input Load / Output Drive

Typical Input

0-150V loading 0.1VA

Typical Output

Current 4-20mA load 1200Ω

Voltage 0-10Vdc load 500Ω

Dimensions

50w x 75h x 110d (mm)

