

ADP412SP Single Phase Wattmeter

- Primary Supply sensed from the voltage input
- Suitable for combinations of AC Inputs & DC Outputs
- Supply voltages: 115Vac $\pm 20\%$
240Vac $\pm 20\%$
24Vdc $\pm 2.5V$
- AMELEC Standard 10 year warranty

Technical Specifications

Input

Standard 0-1Amp or 0-5Amps
Standard 63V, 115V, 230V, 415Vac
Intermediate images 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
Accuracy $< \pm 0.1\%$

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

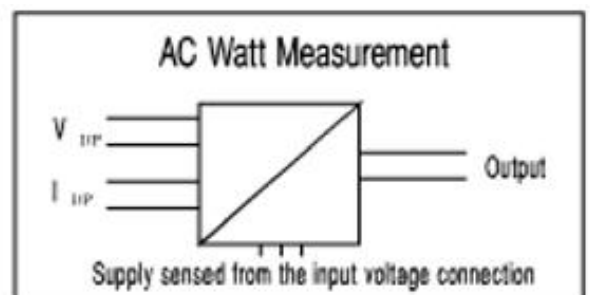
0-5Amp loading 0.1VA
85 through 130vac loading 2VA
N.B. On shelf powered $V > 80\%$ Vnom

Typical Output

Current 4-20mA max load 1200Ω
Voltage 0-10Vdc min load 500Ω

Dimensions

152w x 81h x 137d (mm)



WIRING

