

AC VOLTMETER & AMMETER

AP-246

*Miniature Size



■ AC Voltage Measurement

Model code	Range	Input Impedance	Frequency Range	Input Protection
AP-246-12	999.9mV	1.1MΩ	40Hz~1kHz	100V
AP-246-13	9.999V	1.1MΩ	40Hz~1kHz	300V
AP-246-14	99.99V	1MΩ	40Hz~1kHz	300V
AP-246-15	700.0V	10MΩ	40Hz~1kHz	700V

Accuracy: $\pm 0.2\%$ rdg ± 10 digit ($23^{\circ}\text{C} \pm 5^{\circ}\text{C}$)
 $\pm 0.3\%$ rdg ± 10 digit only for AP-246-15

■ AC Current Measurement

Model code	Range	Internal Resistance	Frequency Range	Input Protection
AP-246-22	999.9μA	1kΩ	40Hz~1kHz	10mA
AP-246-23	9.999mA	100Ω	40Hz~1kHz	50mA
AP-246-24	99.99mA	10Ω	40Hz~1kHz	150mA
AP-246-25	999.9mA	1Ω	40Hz~1kHz	3A
AP-246-26	2.000A	0.1Ω	40Hz~1kHz	3A

Accuracy: $\pm 0.3\%$ rdg ± 10 digit ($23^{\circ}\text{C} \pm 5^{\circ}\text{C}$)
 $\pm 0.5\%$ rdg ± 10 digit only for AP-246-26

■ Specifications

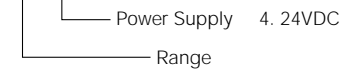
Input Configuration:	Single ended
Rectifier Circuit:	Represents effective value of sine wave by demodulation of mean value
Response Speed:	Approx. 1 sec(10 to 90%)
Conversion Rate:	2.5/sec.
Overrange Indication:	When input exceeds up to 200% flash and renew. When input exceeds 200%, flash 0000
Display:	LED, 10.2mm 4 digit
Decimal Point:	Settable to any digit positions
External Control:	Hold; Hold terminal and 0V terminal Shorted
Power Supply:	24VDC $\pm 20\%$
Operating Temp.:	0 to 50°C, 35 to 85%RH
Power Consumption:	40mA MAX(at 24V DC)
Dimensions:	24(H) × 48(W) × 79(D)mm DIN Size
Weight:	60g
Dielectric Strength:	Between input(Lo)and power supply 0V terminal, 1000VAC/1 min.
Insulation Resistance:	500VDC 100MΩ at above terminals

■ Features

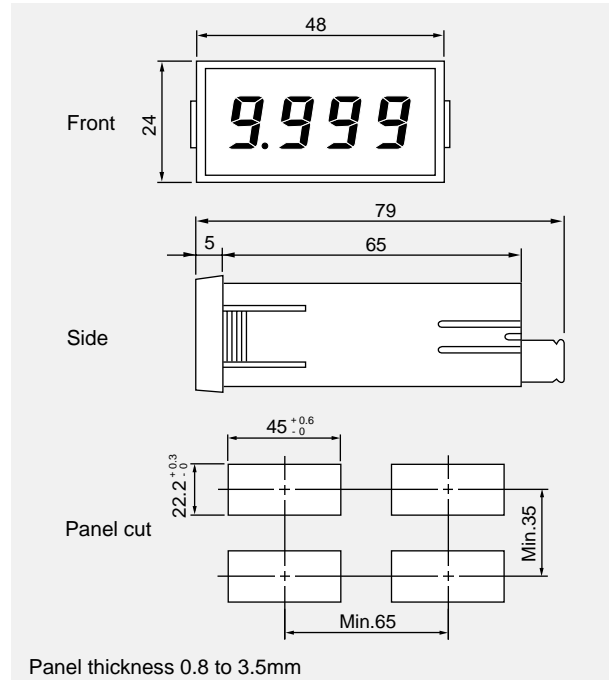
- Average
- Screw Terminal
- LED, 10.2mm(Red)
- Power supply 24VDC-20%(Isolated)
- AC 1V to 700V, 1mA to 2A Measurement

■ Ordering Code

AP-246-□□-4



■ Dimensions



■ Connection Diagram

