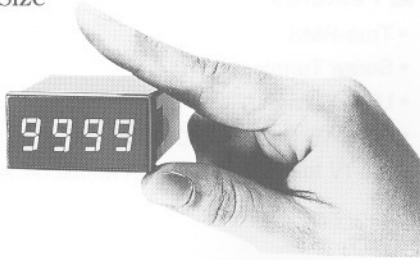


### \* Miniature Size



### ■ Features

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

### ■ 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: ±0.2% rdg ±10 digit (23°C±5°C)  
±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: ±0.3% rdg ±10 digit (23°C±5°C)  
±0.5% rdg ±10 digit only for AP-246-26

### ■ Specifications

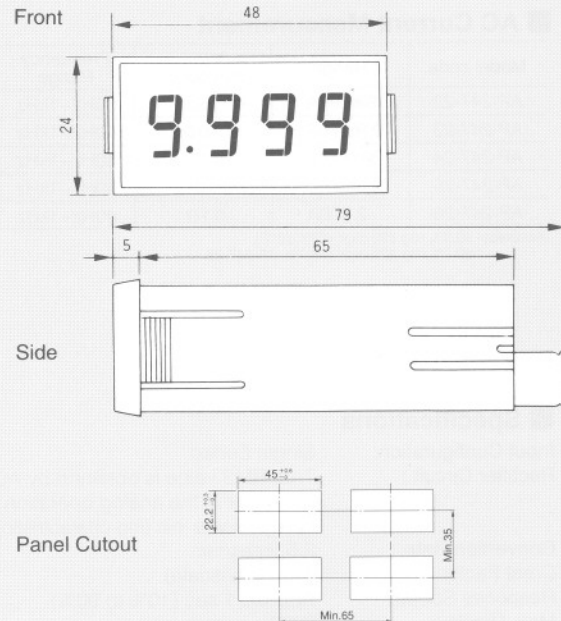
- Input Configuration:** Single ended  
**Rectifier Circuit:** Represents effective value of sine wave by demodulation of mean value  
**Response Speed:** Approx. 1 sec(10 to 90%)  
**Conversion Rate:** 2.5/sec.  
**Overrange Indication:** When input exceeds up to 200% flash and renew.  
 When input 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±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

### ■ Ordering Code

AP-246 - □ □ -4



### ■ Dimensions



Panel thickness 0.8~3.5mm

### ■ Connection Diagram



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