

AC/DC Current Probe

CP2100 Series



Dimension: Control box 108*56*26mm
 Probe head 11*6.1*2.5mm

- Bandwidth up to 2.5 MHz
- Two optional current measurement ranges : 10A / 100A
- Most compact design and reliable performance
- USB power supply, no extra adaptor is required
- Standard BNC interface for all BNC-type oscilloscopes or multimeters

| Model | CP2100A | CP2100B |
|----------------------------------|---|-----------|
| Bandwidth | DC~800KHz | DC~2.5MHz |
| Rise Time | ≤437.5ns | ≤140ns |
| Range | 10A/100A | |
| Output Sensitivity | 0.1V/A (10A) 0.01V/A(100A) | |
| DC Accuracy (typical) | 3%±50mA(10A) 4%±50mA(100A,500mA~40Apk) 15%(100A,40Apk-100Apk) | |
| Signal delay | <50ns(10A) <200ns(100A) | |
| Current measurement range | 50mA-10Apk (10A) 1A ~ 100Apk (100A) | |
| Max. Measurable Current | 100Apk , 70.7Arms (DC + Acpk) 200Apk-pk , 70.7Arms (AC) | |
| Max. Working Voltage | CAT III 300V CAT II 600V | |
| Max. float voltage | CAT III 300V CAT II 600V | |
| Max. conductor Diameter | 13mm | |
| Overload indication | Buzzer beeps, button light flashes | |
| Dimension | 14.5cm x 6cm x 2.7cm | |
| Power supply | DC 5V | |
| Input cable length | Appr. 45cm | |
| Output cable length | Appr. 90cm | |
| Operating Temperature | 0°C~40°C | |
| Operating Humidity | 10%~85% | |

