TOTAL POWER SOLUTIONS

Low Frequency AC & DC Current Probe

CP2100 Series

TPS Company Video on Youtube
https://youtu.be/DTcA-IU2NWA

Low Frequency AC & DC Current Probe

CP2100 Series

Features

- Compact and reliable design
- USB powered, easy to use
- Standard BNC interface

Applications

- Motor driver, Inverters, Power Supplies, Avionics ...

Performances

Model	Bandwidth	Current	Range
CP2100A	DC~800KHz	10A/100A	50mA~10Apk(10A) / 1A~100Apk(100A)
CP2100B	DC~2.5MHz	10A/100A	50mA~10Apk(10A) / 1A~100Apk(100A)

Specifications

Model	CP2100A	CP2100B
Bandwidth	DC-800KHz	DC-2.5MHz
Rise Ime	⩽437.5ns	⩽140ns
Ranges	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)	
Measurement Range	50mA~10Apk(10A)/1A~100Apk(100A)	
Max.measuring Current	100Apk,70.7Arms(DC+ACpk)/200Apk-pk,70.7Amms(AC)	
Max. Working Voltage	CAT III 300V CAT II 600V	
Max. Floating Voltage	CAT III 300V CAT II 600V	
Max.conductor Diameter	13mm	
Output Voltage	⩽3V	
Overload Indication	Buzzer sounds, Button light flashes	
Power Supply	DC 5V	
Probe Head Size	110*61*25mm	
Control Module Size	108*56*26mm	
Length	228cm	
Net Weight	290g	
Packing Weight	1000g	
Packing Size	295*236*57mm	
Working Temperature	0~50°C	
Storage Temperature	-20°C~80°C	
Working Humidity	5%~95%(0~40°C,No condensation)/5%~65%(40°C~50°C, No condensation)	
Working Altitude	⩽3000m	
Storage Altitude	⩽12000m	