



Product Function

Simultaneously monitor and record 1~6 channel of AC leakage currents, currents, 1~3 channel of voltages. Used for the inspection of circuit insulation faults, monitoring of intermittent leakage faults, transformer core grounding current monitoring, cable grounding circulating current monitoring and other line current and voltage monitoring.

Product Features

1. Provide current transformer and PCB control board, which is convenient for users to secondary development online monitoring system, and also can develop the background system according to user requirements.
2. Simultaneously online monitoring the current and voltage of multiple loops, and the number of loops can be customized according to user requirements.
3. For different application field, different type of current transformers are provided for users to choose, and the range can be customized according to user requirements.
4. Power supply with 6~24V wide voltage.
5. Can equip with LCD display to view the AC current value or AC voltage value on site.
6. Provide RS485 communication, users can secondary development according to MODBUS communication protocol, set up the network, and realize remote multi-point online monitoring.

Technical Specification

CT Name	Split core type leakage current sensor	Split core type leakage current sensor	Water proof type current sensor (IP68)	Flat type current sensor	Flexible coil
CT Model	040K	060J	065P	6416B	100F
Current Range	0.00mA~20A	0.0A~600A	0.0A~600A	0.0A~600A	0.0A~3000A
Current Resolution	0.01mA	0.1A	0.1A	0.1A	0.1A
Current Test Accuracy Class	0.5	0.5	0.5	0.5	1.0
CT Caliber	φ40mm	φ60mm	65X68mm	64mmX16mm	φ100mm
CT Size	95mmX98mmX31mm	123mmX123mmX33mm	148mmX145mmX55mm	133mmX45mmX64mm	160mmX100mmX13mm
Voltage Range	0.0V~600V AC				
Voltage Resolution	0.1V				
Voltage Test Accuracy Class	0.5				
Power Supply	6VDC~24VDC, 50mA Max.(External power supply)				
PCB Control Board Size	144mmX91mmX22mm				
PCB Interface	Current input interface, RS485 communication input interface, current sensor input interface, voltage sensor input interface				
Communication Mode	RS485 (Support MODBUS-RTU communication protocol)				
Shift	Full-automatic shift				
Line Voltage	Below AC600V Suitable for the circuit testing below AC 600V				
Accessories	Host or PCB control board: 1PCS; Current sensor: optional 1 to 6 circuits (flexible coils with more than 4 circuits need to be customized separately)				