

Medical Isolation Power Supply System

➤ 1、Application

Acrel medical IT system insulation monitoring device and fault location system is suitable for hospital operating room, ICU (CCU) and other important places, and can provide a safe place for such continuous, reliable power solutions.

➤ 2、Main Functions

Field distribution display

- Display field equipment distribution
- Prompt the location of alarm



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Real-time Monitoring

- Show distribution circuit
- Real time monitoring data display



2

Fault Alarm

- Detailed fault information query
- Help to deal with it in time

记录日期	记录时间	设备编号	设备名称	设备类型	监测区域	报警类型	报警处理状态
2012-2-10	10:24:24	000000000	1	绝缘电阻监测	4号房	报警	1 °C > 55
2012-2-12	10:22:24	030100001	2	漏电流监测	4号房	报警	1 °C > 55

3

Remote parameter setting and inquiry

- Remote viewing of alarm parameters
- Remote setting of alarm parameters



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➤ 3、Main Functions

Application	Type	Functions
Medical isolation transformer	AITR10000 AITR8000 AITR6300 AITR5000 AITR3150	Isolating transformers for medical IT systems; Double insulation treatment; Electrostatic shielding layer; PT100 temperature sensor
Medical Intelligent Insulation Monitor	AIM-M10 AIM-M100 AIM-M200	Insulation monitoring for medical IT systems; Load and temperature monitoring; Device disconnection monitoring; LED indicators, Alarm relay output; RS485, MODBUS-RTU; CAN protocol (only AIM-M200)
Alarm and Display Instrument	AID10 AID120 AID150	Remote monitoring; LED indicators; Mute button, Test button; Power supply: DC24V; RS485, MODBUS-RTU
DC Power Supply	ACLP10-24	Power Supply to AID series; AC 220V input, DC 24V output; Completely Isolated Linear Transformer; Power-on indicator
Protective current transformer	AKH-0.66P26	Maximum measurable current is 50A; Transformation ratio is 2000: 1

➤ 3、Main Functions

Application	Type	Functions
Signal Generator	ASG150	Generating Fault Location Signal; Detection of L1 and L2 disconnection; LED indicators; CAN bus, custom protocol; Power supply: DC24V
Insulation Fault Locator	AIL150-4 AIL150-8	Insulation fault location in AC IT systems; AIL150-4: 4 measuring channels; AIL150-8: 4 measuring channels; LED indicators; CAN bus, custom protocol; Power supply: DC24V