

SKIM500W

Insulation Monitoring Device for Wind Power



Sikcon Technology Co., Ltd

Add.: Guangzhou, Guangdong Province, China

Web: www.sikcon.com

E-mail: info@sikcon.com

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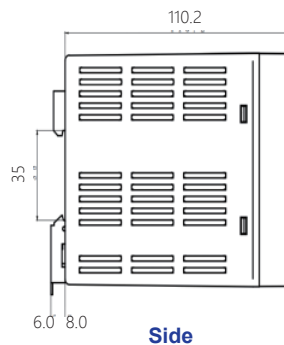
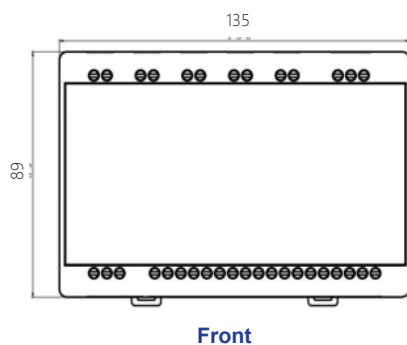
SKIM500W Insulation Monitoring Device is a specially designed for the wind power industry. SKIM500W is an online insulation monitoring device for wind turbines, which is developed based on the application characteristics of wind turbines. It uses DC500V to measure the insulation of cables or motor windings, the device is interlocked with the wind turbine circuit control, automatically realizing the disconnection of the insulation monitoring device from the monitoring and grid during generator operation. When the generator is shut down, the insulation monitoring device automatically starts to detect the insulation between the stator winding and the ground, the rotor winding and the rotor winding of the generator. This product can effectively eliminate the cost and safety risks of manual measurement with a megohmmeter.



SKIM500W Features

- Suitable for wind turbines below 1140V;
- Conduct insulation testing on the stator winding to ground, rotor winding to ground, and between the stator winding and rotor winding of the generator;
- Three independent relay alarm inputs;
- Testing and resetting functions;
- LCD screen display with backlight, allowing users to view and set various parameters;
- RS-485 interface communication, using Modbus protocol, can communicate with remote upper computer;
- The measurement process is fully automated and can also be manually initiated;
- Measurement protection function, which ensures the safe operation of the equipment during measurement;
- Leakage protection.

Installation Dimensions (Unit: mm)



SKIM500W Technical Data

Item	Data	Mark
Power Supply	AC 85–265V 50Hz	
Rated Power	≤ 5W	
Dimension	135*89*110	
Weight	≤0.6Kg	
Measurement Range	0 ~ 500MΩ	Minimum Resolution 10kΩ
Alarm Value	0 ~ 99MΩ	
Warning Value	0 ~ 99MΩ	
Measure Voltage(U1)	DC500V	
Internal Resistance (R1)	400kΩ	
Switching Output	Normally Close, 250VAC/6A; 30V/6A	
Working Temperature	-20°C ~ 50°C	
Working Humidity	<95%	

SKIM500W Application



Wind Power