

### PRODUCT FUNCTION

- Monitoring SPD (surge protection device) alarm action and action time, lightning strike counts, lightning strike amplitude and early warning of SPD lifespan in real time and accurately.

### PRODUCT FEATURES

- Monitoring and collecting SPD alarm signals
- Monitoring the lightning amplitude, polarity, and occurrence time of lightning current;
- Equipped with digital displayer which can display latest lightning strikes and degradation alarm signals in real time;
- With lifespan warning function, indicated by the LIFE indicator light
- Transmitting the collected data via RS485 communication.



### TECHNICAL SPECIFICATION



Function	Monitoring SPD(surge protection device) alarm action and action time, lightning strike counts, lightning strike amplitude
Power Supply	DC 12V ± 10 % (External power supply)
Display Mode	3-digital displayer
CT Structure	Flexible coil
CT Dimension	φ 48mm (customizable); Connection cable length: 2m
Max. Lightning Current Range	100kA (Customizable)
Min. Lightning Current Range	2.5% Fs
Lightning Current Accuracy	± (10 % rdg + 1%*Fs)
SPD Alarm Signal Monitoring Channel	1 channel
Alarm Time	Year / Month / Day / Hour / Minute / Second / Millisecond
LIFE Indicator	SPD life alarm light up remind to replace
Communication Mode	RS485 communication mode (supports MODBUS communication protocol)
Data Display	Real-time display the latest lightning strike counts and degradation alarm signal
Installation Method	35mm mounted on a standard DIN rail
Power Consumption	≤ 0.6W
Protection Level	IP30
Device Dimension	115mm x 67mm x 18mm
Weight	Approx. 0.32kg (include accessories)
Working Temperature	- 40℃ ~ 85℃; ≤ 95 % RH
Accessories	Master detector*1PC Flexible coil*1PC Terminal*3PCS

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