## Smart lightning strikes counter



### Description

The intelligent lightning counter is designed and manufactured in accordance with IEC62561-6 test requirements. It mainly collects SPD damage status and damage degree, air switch trip status, SPD false grounding and poor grounding status and SPD discharge lightning strikes Frequency, size, SPD temperature and ambient temperature, etc.; equipped with standard RS485 interface data communication, supporting wired and wireless communication methods; it can be used in networking or independently, and can provide custom programming interfaces for customers to connect with other private protocols

### Feature

•The starting threshold of lightning count is adjustable, and the SPD life span is automatically monitored and calculated.
1 channel of lightning current collection, 3 channels of temperature collection, and 3 channels of leakage current collection.
The external sensor has strong anti-interference ability.
Support wired and wireless transmission.
The on-site alarm function can easily realize on-site management even if it is not connected to the Internet.
The remote alarm function, through the cloud server, can remotely monitor the data of any collection terminal and obtain real-time alarm information
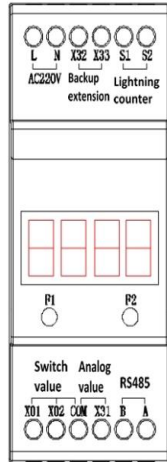
### Specification:

| item | Smart lightning Strikes Counter |
|---|---|
| Place of Origin | China |
| Model number | TD-FL-IM |
| Brand Name | Techwin |
| Discharge response | ≥0.2kA (8/20μs) |
| Power supply | 220V |
| Power consumption | ≤0.5W |
| Discharge number resets | Continue to press(>8s) |
| Discharge preset | Hold for 5 s and count once |
| Discharge display range | 0~999 |
| Data output | RS485(MODBUS Protocol) |
| Working temperature | -40°C~+85°C |
| Wiring specifications | 0.5mm²~1.5mm² |
| Shell material | Flame retardant plastic |
| Enclosure rating | IP20 |

| Product size | 2 switch bit(width 36mm) |
|---|---|
| Magnetic ring size | 22mm X 14mm X 8mm |
| Mounting brackets | 35mm Electrical rail |

**Diagram**



Smart lightning counter

Application diagram