



### 产品说明 Product Description

单、三相交流电源防雷箱适用于B、C、D级过电压保护，主要安装在室内低压配电柜（箱）处，当电源线路产生操作过电压或雷击的过电压时，防雷箱能立即在纳秒级的时间内迅速导通，将过电压的幅值限制在设备的安全工作范围内，同时将过电压的能量泄入在地。

LYD2-F series single-phase and three-phase lightning-proof box is suitable for B,C,D grade over-voltage protection, mainly installed in household low-voltage distribution box, when the power supply system shocked by over-voltage or lightning, or lightning, it'll rapidly transmit in ns and limit the over-voltage in safe range and protect the electric equipment, simultaneity discharge the surge into earth.

### 产品特点 Product Features

- 1、具有雷电计数功能，最大记录数据999次
- 2、可提供远程开关信号
- 3、残压低，响应时间快，具有超大通流能力
- 4、具有智能型定量失效指示
- 5、具有连续防雷击能力
- 6、具有极强的抗雷击与操作过电压能力

1. with lightning counting function, and maximum counting times is 999.
2. enable to provide remote switch signal.
3. low residual voltage, fast response, with large current guiding capability.
4. with intelligent rationed invalid indicate.
5. with the capability of sequent lightningproof.
6. with the capability of strong anti-lightning shock and voltage overload operation.

### 主要技术参数 Main Technical Parameters

| 参数 Technical Parameters                                    | 型号 Model | LYD2-F40SN | LYD2-F80SN | LYD2-F120SN |
|--|----------|------------|------------|-------------|
| 最大持续工作电压 Maximum Continuous Operating Voltage $U_c(V\sim)$ |          | 385V       |            |             |
| 标称放电电流 Nominal Discharge Current $I_n(kA)$                 |          | 20         | 40         | 60          |
| 最大放电电流 Maximum Discharge Current $I_{max}(8/20\mu s)kA$    |          | 40         | 80         | 120         |
| 电压保护水平 Voltage Protection Level $U_p(kV)$                  |          | $\leq 2.0$ | $\leq 2.5$ | $\leq 2.8$  |
| 响应时间 Response Time ns                                      |          | $\leq 25$  |            |             |
| 外型尺寸 Dimension   |          | 355×193×92 |            |             |