



产品说明 Product Description

LYD2-B系列电涌保护器适用于交流50/60Hz, 380V及以下的TN-S、TN-C-S、TT、IT等供电系统, 作为雷击等电位连接, 其设计依据符合GB18802.1、IEC61643-1, 外壳设计安装在35mm电气导轨上, 该产品内置失效脱离装置, 当电涌保护器因过流过热、击穿失效时, 失效脱离装置能自动的将其从电网上脱离, 同时可视告警指示模块由绿色(正常)变成红色(故障)。电涌保护器模块可在线更换。

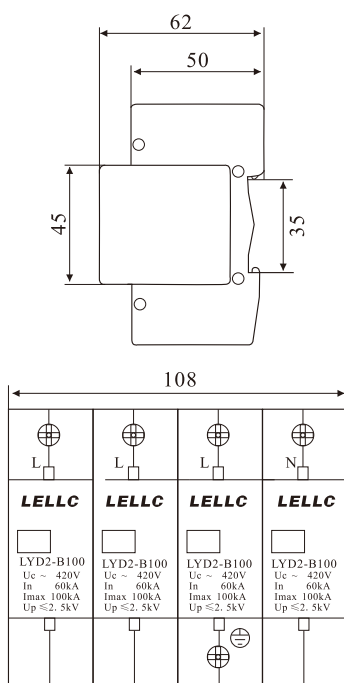
LYD2-B series surge protective device (in short: SPD, alias: surge protector, surge arrester) is suitable for TN-S, TN-C-S, TT, IT etc. Power supply system of AC 50/60Hz, $\leq 380V$, and installed on the joint of LPZOA zone or LPZOB and LPZ1 zone, which protects the electric network not shocked by the thunder, it's designed according to GB18802.1, IEC61643-1, it adopts 35mm standard rail, there is a failure release mounted on the module of surge protective device. When the SPD fails in breakdown for over-heat and over-current, the failure release will help electric device separate from the power system and give the indication signal, green means normal, red means abnormal, it's also could be replaced for the module when has operating voltage.

产品特点 Product Features

- 1、内置过流过热、温控断路技术。
- 2、模块设计, 安装方便, 可在线更换。
- 3、漏电流小, 响应时间快, 残压低。
- 4、告警指示装置, 绿色(正常)、红色(故障)。

- 1、Inside over-current and over-heat protection, temperature control open circuit.
- 2、Module design, convenient installation, could be replaced online.
- 3、Smallness leak current, response quickly, less residual voltage.
- 4、Signal indication device, green (normal), red (abnormal).

外型尺寸图 Dimension



4极4 Pole

型号规格及其含义 Model and Meaning

参数 Technical Parameters	型号 Model	LYD2-B100
额定工作电压 Rated Operating Voltage Un(V~)		220V/380V
最大持续工作电压 Maximum Continuous Operating Voltage Uc(V~)		420V
电压保护水平 Voltage Protection Level Up(V~)kV		≤2.5
标称放电电流 Nominal Discharge Current In(8/20 μs)kA		60
最大放电电流 Maximum Discharge Current Imax(8/20 μs)kA		100
响应时间 Response Time ns		<25
接入导线截面积 L/N(mm ²) The Cross Section of L/N Line		16、25
接入接地线截面积 PE(mm ²) The Cross Section of PE Line		25、35
熔断器或断路器选型 Fuse or Switch(A)		32A
工作环境 Operating Environment °C		-40°C~+85°C
相对湿度 Relative Humidity(25°C)		≤95%
安装 Installation		标准导轨 Standard Rail 35mm
外壳材料 Material of Outer Covering		玻璃纤维增强塑料 Fiber glass reinforced plastic

产品应用和安装位置 Application Scope and Installation Position

LYD2-B系列产品适用于B级防雷保护, 用于雷击时等电位连接, 安装在LPZOA区或LPZOB区与LPZ1区界面处。

LYD2-B series surge protective devices is suitable for B grade lightning-proof, installed on the joint of LPZOA zone or LPZOB and LPZ1 zone, which protects the electric network not shocked by the thunder or surge over voltage. LYD2-B100 are usually installed in low voltage main distribution box connected to the incoming end of the buildings.

产品设计和订货须知: 用户在产品设计和订货时, 应详细标明产品型号、数量。例如: LYD2-B100/4-420, 8台

Notice: When you order our goods, please write the model and quantity carefully. For example: LYD2-B100/4-420, 8pieces.