



### 产品说明 Product Description

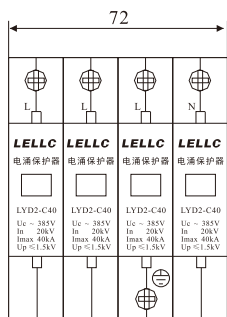
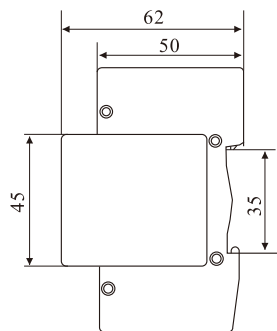
LYD2-C系列电涌保护器(简称SPD)适用于交流50/60Hz, 380V及以下的TN-S、TN-C-S、TT、IT等供电系统,可作为LPZ1、LPZ2与LPZ3区界面处的等电位连接,其设计依据符合IEC61643-1、GB18802.1,外壳设计安装在35mm电气导轨上,该产品内置失效脱离装置。当电涌保护器因过流过热,击穿失效时,失效脱离装置能自动的将其从电网上脱离,同时可视告警指示绿色(正常)、红色(故障),模块可在有工作电压情况下更换。

LYD2-C 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,  $\leq 380V$ , installed on the joint of LPZ1 or LPZ2 and LPZ3, it's designed according to IEC61643-1, GB18802.1, 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)。
  - 5、新技术制作, 高能量, 可组合间隙放电电极(N-PE)。
- 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).
- 5、New technology, highly energy, clearance discharge pole (N-PE).

### 外型尺寸图 Dimension



4极 4 Pole

### 主要技术参数 Main Technical Parameters

参数 Technical Parameters	型号 Model	LYD2-C40
额定工作电压 Rated Operating Voltage $U_c(V\sim)$		220V/380V
最大持续工作电压 Maximum Continuous Operating Voltage $U_c(V\sim)$		385V
电压保护水平 Voltage Protection Level $U_p(V\sim)kV$		1.5kV
标称放电电流 Nominal Discharge Current $I_n(8/20\mu s)kA$		20
最大放电电流 Maximum Discharge Current $I_{max}(8/20\mu s)kA$		40
响应时间 Response Time ns		<25
测试依据 Test Standard		GB18802, IEC61643-1
接入导线截面积 $L/N(mm^2)$ The Cross Section of L/N Line		10、16
接入接地线截面积 $PE(mm^2)$ The Cross Section of PE Line		10、25
熔断器或断路器选型 Fuse or Switch(A)		16A
工作环境 Operating Environment $^{\circ}C$		$-40^{\circ}C\sim+85^{\circ}C$
相对湿度 Relative Humidity( $25^{\circ}C$ )		$\leq 95\%$
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-C系列产品适用于C级防雷保护,用于雷击时等电位连接,安装在LPZ0B区与LPZ1区与LPZ2区交界处,通常安装在楼层配电箱、计算机中心、电信机房、电梯控制室、变频设备控制室、医院手术室、监护室及装有电子医疗设备场所的配电箱内,分散型小别墅应将SPD安装在住户配电箱内。

LYD2-C series surge protective device applied in C grade lightning-proof, installed on the joint of LPZ1 or LPZ2 and LPZ3, usually installed in household distribution boards, computer equipment, information equipment, electronic equipment and in the socket box in front of control equipment or near the control equipment.

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-C40/4-385, 8台。  
Notice: When you order our goods, please write the model and quantity carefully. For example: LYD2-C40/4-385, 8 pieces.