



产品说明 Product Description

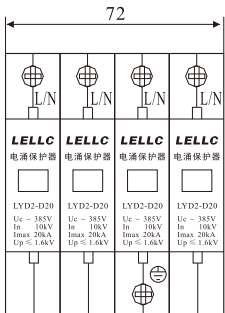
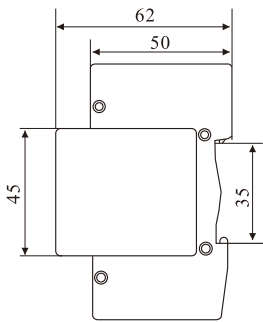
LYD2-D系列电涌保护器（简称SPD）适用于交流50/60Hz，380V及以下的TN-S、TN-C-S、TT、IT等供电系统，可作为LPZ1、LPZ2与LPZ3区界面处的等电位连接，其设计依据符合IEC61643-1、GB18802.1，外壳设计安装在35mm电气导轨上，该产品内置失效脱离装置。当电涌保护器因过流过热，击穿失效时，失效脱离装置能自动的将其从电网上脱离，同时可视告警指示绿色（正常）、红色（故障），模块可在有工作电压情况下更换。

LYD2-D series surge protective (in short:SPD,alias:surge protector,surge arrester)is suitable for TN-S、TN-CS、TT、IT etc.power supply system of AC 50/60Hz,=380V,installed on the joint of LPZ1 or LPZ 2 and LPZ3,it 'sdesigned accordingto IEC61643-1、GB18802.1,itadopts 35mm stan dard rail,there is a failure release mounted on the module ofsurge protective device.When the SPD fails in breakdown for over-heat and over-current,the failurerelease 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、无需停电即可更换保护器单元。
- 2、最高可承受20kA（8/20 μs）雷电流冲击。
- 3、动作响应时间小于25纳秒。
- 4、可视窗口颜色表示保护的工作状态绿色（正常）、红色（故障）。
- 1、 Could be replaced for the module not need power cut.
- 2、 Maximum current of endure the lightning stroke 20KA（8/20 μs）.
- 3、 Time of response<25ns.
- 4、 The color of visible window shows operating status, green means normal,red means abnormal.

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-D20	LYD2-D10
额定工作电压 Rated Operating Voltage Uc(V~)		220V/380V	
最大持续工作电压 Maximum Continuous Operating Voltage Uc(V~)		385V	
电压保护水平 Voltage Protection Level Up(V~)kV		≤1.2	≤1.0
标称放电电流 Nominal Discharge Current In(8/ μ 20 μ s)kA		10	5
最大放电电流 Maximum Discharge Current Imax(8/ μ 20 μ s)kA		20	10
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		6	
接入接地线截面积PE(mm ²) The Cross Section of PE Line		10	
熔断器或断路器选型 Fuse or Switch(A)		16A	
工作环境 Operating Environment℃		-40℃~+85℃	
相对湿度 Relative Humidity(25℃)		≤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

适用于D级防雷保护，LYD2-D系列电涌保护器产品符合GB18802.1-2002，用于雷击时等电位连接，安装于LPZ1、LPZ2区与LPZ3区交界处，通常安装在住户配电箱、计算机中心、信息设备、电子设备及控制设备前或最近的插座箱内。

It's suitable for D grade lightning-proof,LYD2-D series surge protective device according to GB18802.1-2002, installed on the joint of LPZ1 or LPZ2 and LPZ3,usually installed in household distribution boards,computer equipment,information equipment, electronic equip ment 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-D10/2-385，100台。
Notice:When you order our goods,please write the model and quantity carefully.For example:LYD2-D10/2-385， 100 pieces.