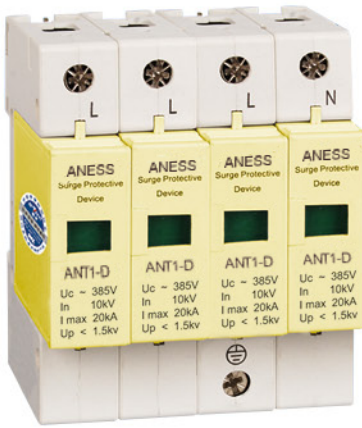


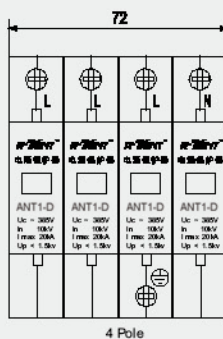
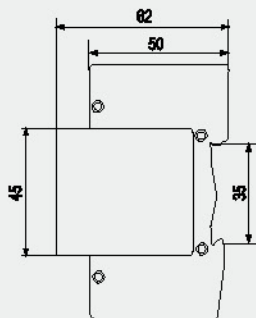
## ANT1-D series Surge Protective Device (SPD)



### Product Features

- Could be replaced for the module not need power cut.
- Maximum current of endure the lightning stroke 20kA(8/20 μ s).
- Time of response < 25ns.
- The color of visible window shows operating status, green means normal, red means abnormal.

### Dimension



### Product Description

ANT1-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 3.5mm 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。

ANT1-D series surge protective device (in short: SPD, alias: surge protector, surge arrester) is suitable for TN-S、TN-C-S、TT、IT ect. Power supply system of AC 50/60Hz, =380V, installed on joint of LAP1 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 erelease 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.

### Main Technical Parameters

Techical Parameters	Model			
	ANT1-D			
Rated Operating Voltage Uc(V ~)	220V	380V	220V	380V
Maximum Continuous Operating Voltage Uc(V ~)	275V	385V	320V	385V
Voltage Protection Level Up(V ~)kV	≤ 0.7	≤ 1.0	≤ 1.2	≤ 1.5
Nominal Discharge Current In(8/μ 20 μ s)kA	5		10	
Maximum Discharge Current Imax(8/μ 20 μ s)kA	10		20	
Response Time ns	< 25			
Test Standard	GB18802、IEC61643-1			
The Cross Section of L/N Line	6			
The Cross Section of PE Line PE(mm <sup>2</sup> )	10			
Fuse or Switch(A)	10A、16A		18A、25A	
Operating Environment(°C )	-40°C ~+85°C			
Relative Humidity(25°C )	≤ 95%			
Installation	Standard Rail 35mm			
Material of Outer Covering	Fiber glass reinforced plastic			

### Application Scope and Installation Position

It's suitable for D grade lightning-proof, ANT1-D series surge protective device according to GB18802.1-2002, installed on the joint of LPZ1、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.

Notice: When you order our goods, please write the modle and quantity catafully.  
For example: ANT1-D10/2-275, 100pieces.

### Model and Meaning

