

ANT1-1, 2, 3 series Surge Protective Device (SPD)

Product Description

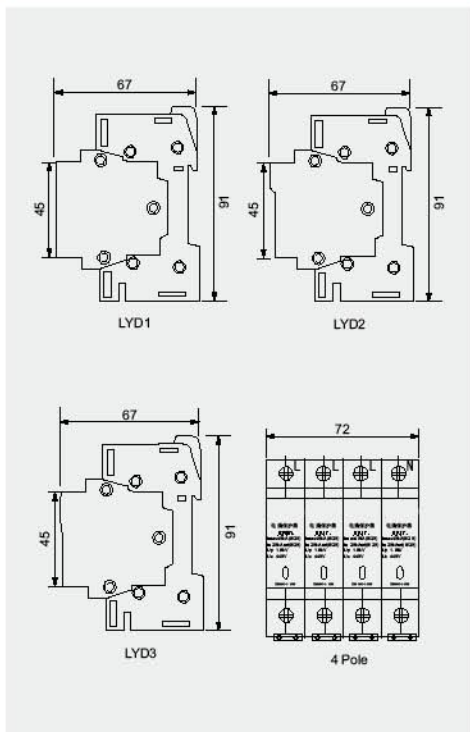


ANT1 series surge protective (in short: SPD, alias: surge protector, surge arrester) is suitable for TN-S, TN-C-S, TT, IT ect. Power supply system of AC 50/60Hz, $\leq 380V$, installed on joint of LPZ1 or LPZ2 and LPZ3, it's designed according to IEC61643-1, GB18802.1, it adopts 35mm standard rail, there 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, white means normal, red means abnormal, it's also could be replaced for the module when has operating voltage.

Product Features

- ◆ Could be replaced for the module not need power cut.
- ◆ Maximum current of endure the lightning stroke 65kA(8/20 μ s).
- ◆ Response Time < 25ns.
- ◆ The color of visible window shows operating status, green means normal, red means abnormal.

Dimension



Main Technical Parameters

Technical Parameters	Model		ANT1-8,2-8,3-20		ANT1-15,2-15,3-20		ANT1-60	
	Rated Operating Voltage $U_c(V \sim)$	220V	380V	220V	380V	220V	380V	220V
Maximum Continuous Operating Voltage $U_c(V \sim)$	275V	440V	275V 320V 385V	440V	275V 320V 385V	440V	275V 385V	440V
Voltage Protection Level $U_p(V \sim)kV$	≤ 0.8	≤ 1.0	≤ 1.0 ≤ 1.4 ≤ 1.8	≤ 1.8	≤ 1.0 ≤ 1.4 ≤ 1.8	≤ 1.8	≤ 1.2 ≤ 2.0	≤ 2.4
Nominal Discharge Current $I_n(8/\mu 20 \mu s)kA$	2	5	15	20	15	20	20	30
Maximum Discharge Current $I_{max}(8/\mu 20 \mu s)kA$	8	10	40		40		65	
Response Time ns	< 25							
Test Standard	GB18802.1, IEC61643-1							
The Cross Section of L/N Line	6		10		10		16	
The Cross Section of PE Line	10		16		16		25	
Fuse or Switch(A)	10A		16A, 32A		16A, 32A		16A	
Operating Environment($^{\circ}C$)	-40 $^{\circ}C$ ~+85 $^{\circ}C$							
Relative Humidity(25 $^{\circ}C$)	$\leq 95\%$							
Installation	Standard Rail 35mm							
Material of Outer Covering	Fiber glass reinforced plastic							

Application Scope and Installation Position

It's suitable for B, C, D grade lightning-proof, LYD1, LYD2, LYD3 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 equipment and in the socket box in front of control equipment or near the control equipment.

Notice: When you order our goods, please write the model and quantity carefully.
For example: ANT1-65/4-440, 8 pieces.