

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

## Product Description

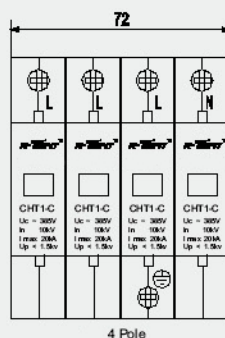
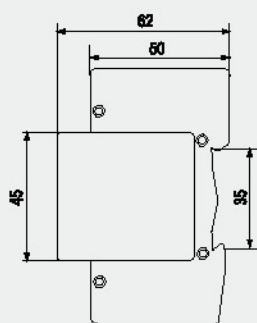


ANT1-C series surge protective (in short :SPD, alias: surge protector, surge arrester) is suitable for TN-S, TN-C-S, TT, IT ect. Power supply system of AC 50/60Hz,  $\leq 380V$ , installed on joint of LAP1 or LPZ2 and LPZ3, it's designed according to IEC61643-1、GB18802.1, it adopts 35mm standard rail, 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 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.

## Product Features

- ◆ Inside over-current and over-heat protection, temperature control open circuit.
- ◆ Module design, convenient installation, could be replaced online.
- ◆ Smallness leak current, response quickly, less residual voltage.
- ◆ Signal indication device, green(normal), red(abnormal)
- ◆ New technology, highly energy, clearance discharge pole(N-PE).

## Dimension



## Main Technical Parameters

Technical Parameters	Model												
	ANT1-C										N-PE		
Rated Operating Voltage $U_c(V \sim)$	110V	220V	380V	220V	380V	220V	380V	220V	380V	220V	380V		
Maximum Continuous Operating Voltage $U_c(V \sim)$	140V	275V	320V	385V	420V	440V	275V	320V	385V	420V	440V	255V	
Voltage Protection Level $U_p(V \sim)kV$	$\leq 0.8$	$\leq 1.2$	$\leq 1.5$	$\leq 1.8$	$\leq 2.0$	$\leq 2.2$	$\leq 1.0$	$\leq 1.4$	$\leq 1.5$	$\leq 1.8$	$\leq 2.0$	$\leq 1.0$   $\leq 1.8$	
Nominal Discharge Current $I_n(8/ \mu 20 \mu s)kA$	20					15					20	40	60
Maximum Discharge Current $I_{max}(8/ \mu 20 \mu s)kA$	40					30							
Response Time ns	< 25												
Test Standard	GB18802、IEC61643-1												
The Cross Section of L/N Line	10、16					10							
The Cross Section of PE Line	10、25					16							
Fuse or Switch(A)	32A					25A、32A							
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

ANT1-C series surge protective device applied in C grade lightning-proof, installed on the joint of LPZ1、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-C40/4-385, 8 pieces.