

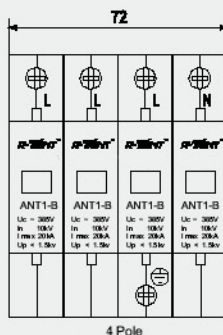
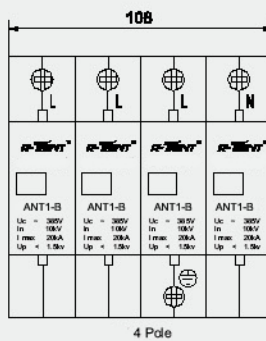
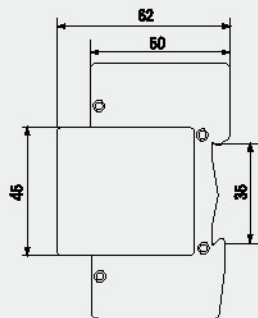
## ANT1-B series Surge Protective Device (SPD)

## Product Description



ANT1-B 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,  $\leq 380V$ , and installed on joint of LAPZOA zone or LAPZOB and LAPZ1 zone, which protects electric network not shocked by the thunder, 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.

## Dimension



## Main Technical Parameters

Techical Parameters	Model		ANT1-B			
	110V	380V	220V	380V	220V	380V
Rated Operating Voltage $U_c(V \sim)$	110V	380V	220V	380V	220V	380V
Maximum Continuous Operating Voltage $U_c(V \sim)$	385V	420V	385V	420V	385V	420V
Voltage Protection Level $U_p(V \sim)kV$	$\leq 2.8$	$\leq 3.2$	$\leq 2.2$	$\leq 3.5$	$\leq 2.0$	$\leq 2.3$
Nominal Discharge Current $I_n(8/ \mu 20 \mu s)kA$	60		40		30	
Maximum Discharge Current $I_{max}(8/ \mu 20 \mu s)kA$	100		80		60	
Response Time ns	< 25					
The Cross Section of L/N Line	16, 25		10, 16		10, 16	
The Cross Section of PE Line	25, 35		25		16, 25	
Fuse or Switch(A)	63A		63A		63A, 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-B series surge protective device is suitable for B grade lightning-proof, installed on the joint of LPZOA zone or LPZOB and LPZ1 zone, which protects the electric network not shocked by the thunder or surge voltage. ANT1-B100, ANT1-B80, ANT1-B60 are usually installed in low voltage main distribution box connected to the incoming end of building.

Notice: When you order our goods, please write the model and quantity carefully.  
For example: ANT1-B80/4-385, 8 pieces.