

ANT5 series Surge Protective Device (SPD)

Product Description

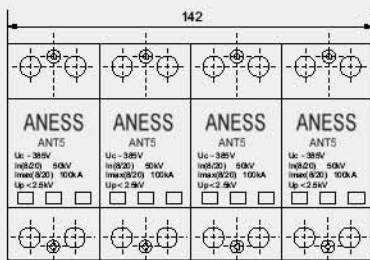
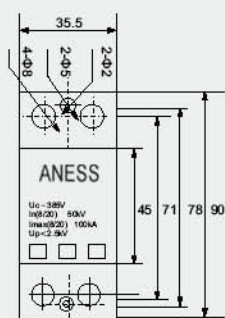
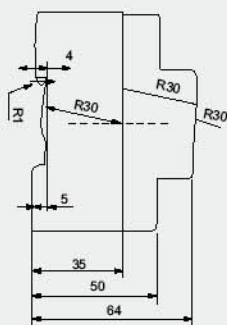


ANT5 series surge protective (in short:SPD, alias: surge protector, surge arrester) is suitable for TN-S、TN-C-S、TT、IT ect. Power supply system of AC 50/60Hz, =380V, and used at the equipotential connection, which protects the electric network not shocked by the thunder and lightning, it's designed according 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.

Main Technical Parameters

Model	ANT5-150	ANT5-120	ANT5-100	ANT5-80	ANT5-60
Rated Operating Voltage $U_c(V \sim)$	220V 380V	220V 380V	220V 380V	220V 380V	220V 380V
Maximum Continuous Operating Voltage $U_c(V \sim)$	385V 420V	385V 420V	385V 420V	385V 420V	385V 420V
Voltage Protection Level $U_p(V \sim)kV$	$\leq 4.0 \leq 4.5$	$\leq 3.5 \leq 3.7$	$\leq 2.8 \leq 3.2$	≤ 2.4	$\leq 1.8 \leq 2.2$
Nominal Discharge Current $I_n(8/\mu 20 \mu s)kA$	150	80	60	40	30
Maximum Discharge Current $I_{max}(8/\mu 20 \mu s)kA$	200	150	100	80	60
Response Time ns	< 25				
The Cross Section of L/N Line	25, 35	16, 25	16, 25	16, 25	16, 25
The Cross Section of PE Line	35	25, 35	25, 35	25, 35	25, 35
Fuse or Switch(A)	63A, 125A	63A	63A	63A	63A
The Line Section of Communication and Alarm	≥ 1.5				
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				

Dimension



Application Scope and Installation Position

ANT5-150、ANT5-120、ANT5-100 series surge protective device is suitable for B grade lightning-proof, used at the equipotential connection of LPZOA zone or LPZOB and LPZ1 zone, which protects the electric network not shocked by the thunder or surge voltage. CHT5-80、CHT5-60 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: ANT5-150/4-385, 8 pieces.