AC series

AC Surge Protector

SNSPD



SNSPD series
TYPE 2 AC SURGE PROTECTIVE DEVICE







Application

SUPI(D, C, B) 5 series surge protection device (in short: SPD, alias; surge suppressor, surge arrester) is suitable for TN-S, TN-C-S, TI IT etc. power supply system of AC 50/60Hz, <380V, installed on the joint of LPZI or LP22 and LP23, 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 protection device. When the SPD fails in breakdown for over-heat and over-current, the failure release will help electric equipments separate from the power supply system and give the indication signal, green means normal, red means abnormal, it also could be replaced for the module when has operating voltage.

Product Features

- Could be replaced for the module not need power off.;
- Maximum cu rrent of endure the lightning stroke 40kA (8/20us).
- Time of response <25ns.;
- The color of visible window shows operating status, green means normal, red means abnormal.

Product Features

Technical Parameters						
Protection Level B,C,D Grade	D.C.B					
Rated Operating Voltage Un (V~)	380V/220V					
Maximum Continuous Operating Voltage Un (V~)	275V	275V	385V	385V	385V	420V
Voltage Protection Level Up (V~) kV	≤2.0	≤2.0	≤2.0	≤2.0	≤2.2	≤2.8
Nominal Discharge Current In μs kA	10	20	20	30	40	60
Maximum Discharge Current Imax μs kA	20	40	40	60	80	100
Response Time (ns)	<25					
Test Standard	IEC61643.1, GB18802.1					
Operating Environment(centigrade)	-40°C ~+85°C					
Max Connection Line	35mm² hard wire/35mm² strand wire copper line					
Recommended Connection Line	16mm² hard wire/25mm² strand wire copper line					
Installation	Standard Rail 35mm					
Material of Outer Covering	Burning-proof Nylon					

Dismantling

