

FSP-A

Type 2 AC Surge Protective Device

FSP-A series surge protection device is suitable for TN-S, TN-C-S, TT, IT etc, power supply system of AC 50/60Hz, <380V, installed on the 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 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

- Inside over-current and over-heat protection, temperature control open circuit.
- Module design, convenient installation, could be replaced online.
- Time of response <25ns
- The color of visible window shows operating status, green means normal, red means abnormal

Specifications

Technical Parameters					
Model	FSP-A				
Pole	1P	2P	3P	4P	
Rated Operating Voltage Un (V-)	230V/275V		385V/420V		
Maximum Continuous Operating Voltage Uc(V-)	275/385/420VAC				
Voltage protection Level Up (V-)kV	2.5				
Nominal Discharge Current In μs kA	5	30	30	60	60
Maximum Discharge Current Imax μs kA	10	60	60	100	100

Specifications

Technical Parameters	
Model	FSP-A
Response Time (ns)	<25
Test Standard	IEC61643.1, GB18802.1
Operating Environment(centigrade)	-40℃ ~ +85℃
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

Characteristic Curve

