

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	35mm ² hard wire/35mm ² strand wire copper line
Recommended Connection Line	16mm ² hard wire/25mm ² strand wire copper line
Installation	Standard Rail 35mm
Material of Outer Covering	Burning-proof Nylon

Characteristic Curve

