

TOWSP Surge Protective Device(AC SPD)



Application

TOWSP series surge protection device (in short SPD, alias surge suppressor surge arrester) 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	TOWSP					
Rated Operating Voltage Un(V~)	385V/275V					
Maximum Continuous Operating Voltage Uc(V~)	275V	320V	385V	385V	385V	420V
Voltage protection Level Up(V~)kV	≤1.0	≤1.2	≤1.8	≤2.0	≤2.2	≤2.8
Nominal Discharge Current In (8/20s)kA	5	10	20	30	40	60
Maximum Discharge Current Imax(8/20s)kA	10	20	40	60	80	100
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					

Overall Dimensions

