

## SPDAC22sd AC Surge protective device

### Application

This AC surge protective device is applied low voltage standard IEC/EN 61643-11 to protect against AC power line system and other equipment from over voltage and instantaneous over voltage damage. It has advantages of large discharge current, fast respond time and low residual voltage.

### Main features

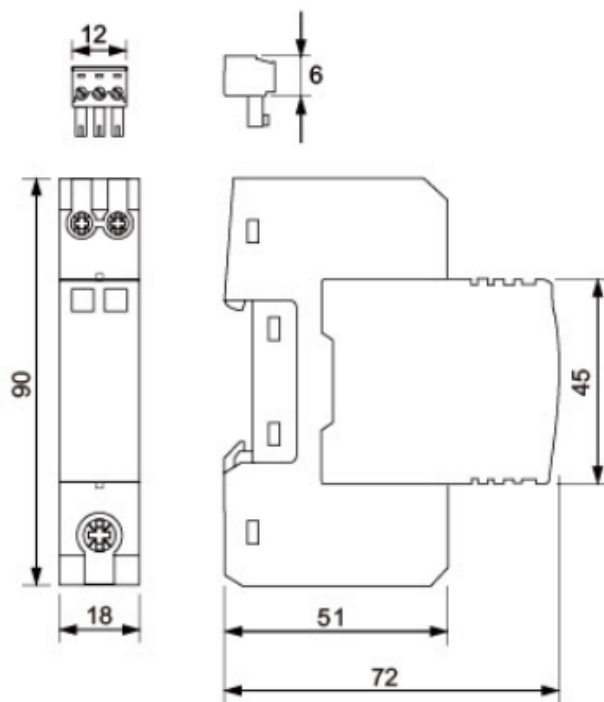
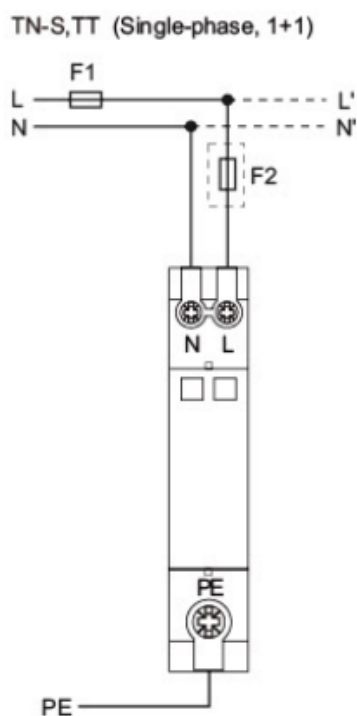
- 1 High discharge capacity, quick response, plugged module.
- 2 Fast response time, din rail installation.
- 3 Double thermal disconnection devices, provide more reliable protection.
- 4 Green window means normal, red means defect, need to change module.
- 5 Remote signaling contact optional.
- 6 Class II type 2 surge protection



### Technical parameter

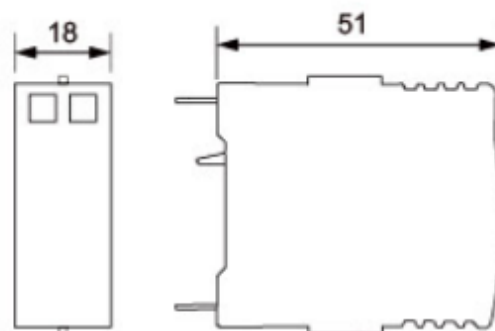
Model	SPDAC22sd	
Test standard	IEC/EN 61643-11	
SPD type	T2/Class II	
Maximum continuous operating voltage $U_c$	275V AC	
Nominal discharge current (8/20 $\mu$ s)	5kA	
Maximum discharge current(8/20 $\mu$ s)	10kA	
Voltage protection level $U_p$	1.0kV	
Response time $T_a$	25ns	
Poles	1P, 2P,1P+N-PE, 3P+N-PE	
Matched fuse or circuit breaker	32A	
Connection wire specification	4mm <sup>2</sup> (L/N); 6mm <sup>2</sup> (PE)	
Mounting	35mm Din Rail	
Type of remote signaling contact (Optional)	C+NC: Normally closed    C+NO: Normally open C: Common contact	
Max. Voltage/Current for remote signaling	1A/2A/3A 125 V AC	
Wiring for remote signaling	1.5mm <sup>2</sup> max.	
Operating temperature	-40°C to +80°C	
Shell material	UL94-V0 fireproof material	

## Dimension details(unit: mm) and wiring diagram

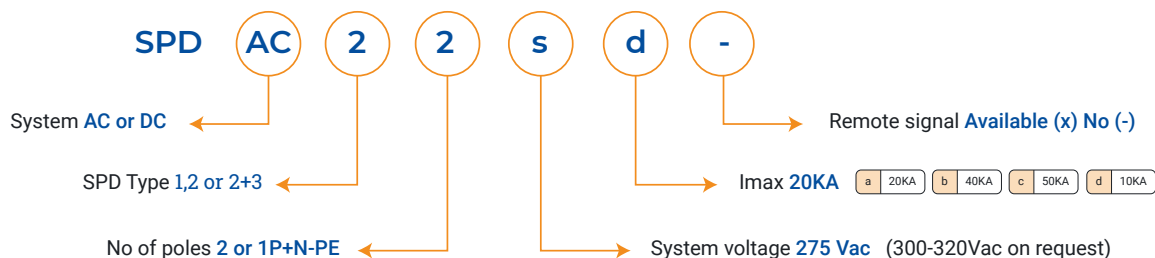


### Conformity to standards

→ IEC/EN 61643-11



### Type designation



##	Voltage (Vac)
m	220
n	440
o	300
p	600
q	1000
r	625
s	275

