

Surge Protective Device T range SPD For DC Power



Before using the product, please read this manual carefully and keep it well.

Caution

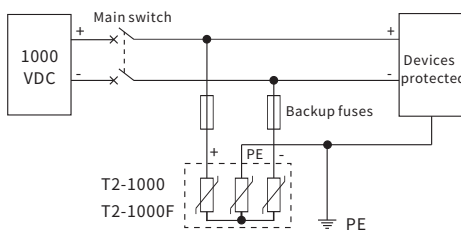
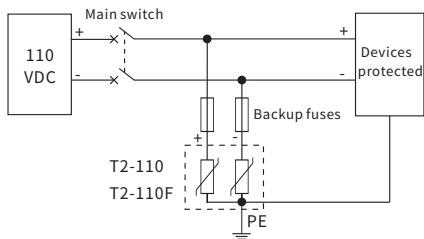
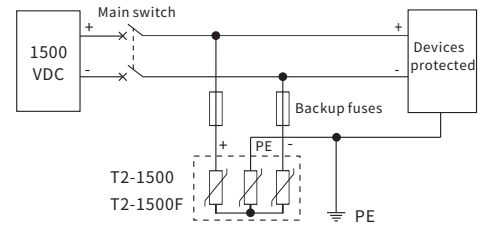
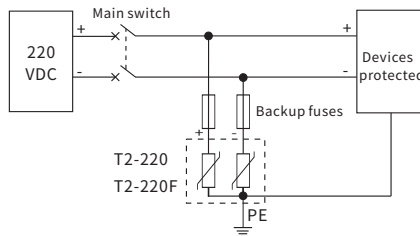
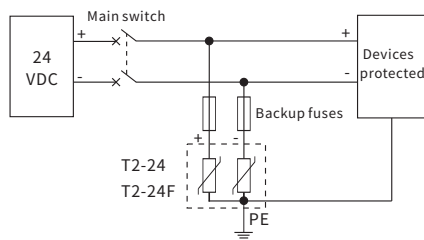
- Please check whether the product type on the package accords to the ordering contract.
- Read this manual carefully before installation. If there is any questions ,contact us early enough.
- Disassembling or repairing SPDs are not allowed or it will cause malfunction.

Main technical parameters

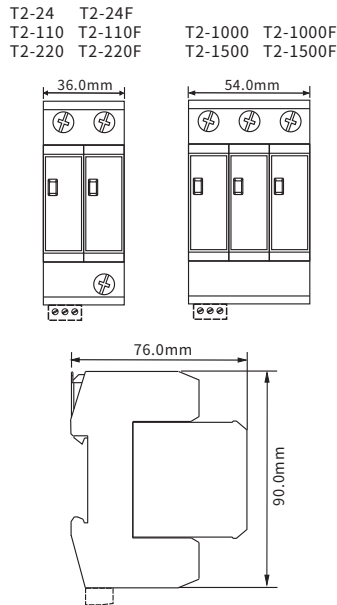
Type	T2-24 T2-24F	T2-110 T2-110F	T2-220 T2-220F	T2-1000 T2-1000F	T2-1500 T2-1500F
Nominal operating voltage Un	24VDC	110VDC	220VDC	1000VDC	1500VDC
Max. operating voltage Uc	90VDC 60VAC	180VDC 120VAC	320VDC 220VAC	1000VDC	1500VDC
Protection level Up	0.6kV	0.8kV	1.2kV	4.0kV	6.0kV
Testing standards	GB/T 18802.1 IEC 61643-11			GB/T 18802.31 IEC 61643-31	

Nominal discharge current In(8/20) 20kA
 Max. discharge current Imax(8/20) 40kA
 Response time <25ns
 Leakage current <20µA
 Status indication Green: OK;Red: Failed
 Max. backup fuse 80A
 Connection cable sectional area L/N ≥4mm²
 Connection cable sectional area PE ≥6mm²
 Working temperature: -40°C~+70°C
 Relative humidity: 5%~95%
 Housing protection level(IEC60529): IP 20
 Housing material flame-retarded level(Ul94): PA66/V0
 Installation: Fastened on Standard 35mm DIN rail
 Performance test: Shanghai Lightning Protection Center
 Alarm output: 250VAC/0.5A; 24VDC/0.5A

Typical applications



Dimensions



General

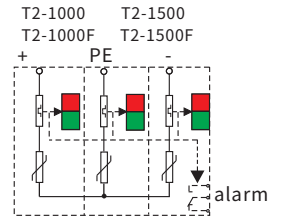
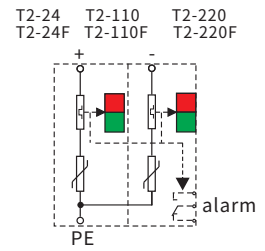
T range DC power supply SPDs are designed according to the IEC and GB standards, and apply to low voltage DC system. It enables the connection between the power supply system and an equipotential network instantaneously when the surge occurs and limit the residual voltage to a certain level to protect the devices protected.

Order Number

Type	Order Number
T2-24	7073945
T2-24F	7093094
T2-110	7089524
T2-110F	7062355
T2-220	7065567
T2-220F	7011000
T2-1000	7053964
T2-1000F	7065508
T2-1500	7094994
T2-1500F	7067731

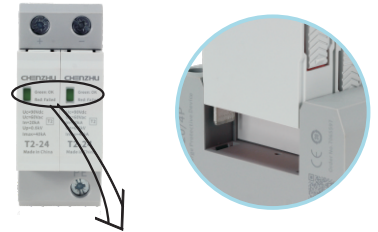
Note: Suffix " F " for alarm output

Schematic diagram



Maintenance

1. Check the status indicator. If the indicator is red, replace the SPD or the failed module. The module can be replaced easily.



Status indicator: Green-OK Red-failed Failed modules can be replaced easily.

2. Check if the connections are correct and tight before powering on SPDs.
3. SPDs' quality are well controlled and strictly inspected before delivery. If non-functional ones are found during operation, please contact us early enough.
4. Within 5 years of delivery, any problems occurred during normal operations can get treatments free.

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