

SUP1H

AC SURGE PROTECTION DEVICE

Technology
Connects human and nature



suntree
human technology nature



SUP1H SERIES AC Surge Protection Device



PRODUCT DESCRIPTION

SUP1H series SPD, suitable for AC 50/60Hz, rated voltage up to 380V power supply system (or communication system), to protect against indirect or direct lightning impact or other instantaneous overvoltage electrical surge.

Products comply with the standard: GB/T 18802.1/IEC61643-31 and GB/T50057-200 Lightning Protection Design Code for Buildings.

SPD has the protection modes of combinations as relative phase, relative ground, relative midline, and midline to ground.



TYPE KEY

S UP 1H - 40 /

Company Code

SPD

Design code

Rated Current (kA)

Pole(1P/2P/3P/4P)

Max Working Voltage

"X" Remote Contact

PRODUCT BENEFITS

- Use world-class components
- Large discharge current and fast response time
- Modular structure, composed of base and plug protection module which is easy to install and maintain
- Modules are safe and reliable such as overheating and overcurrent double tripping device, failure display window
- Multi-functional connection port helps to be connected to wire and bus, and configured with remote alarm terminals

AC SURGE PROTECTION DEVICE



TECHNICAL PARAMETERS

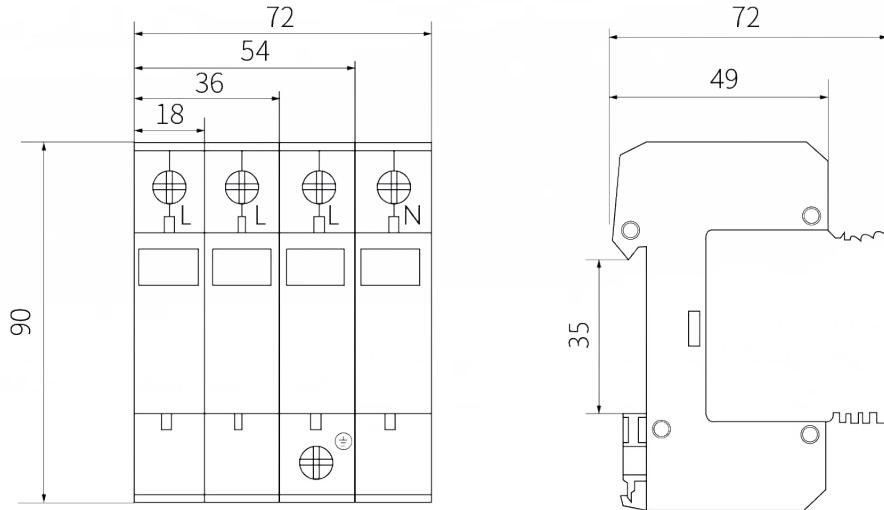
MAIN TECHNICAL PARAMETERS

Type	SUP1H																											
Poles	1P/2P/1P+N/3P/3P+N/4P																											
Rated Operational Voltage Un (V)	230/480 (Customized)																											
Nominal discharge In (8/20μs)kA	5				10				20				30															
Max. Discharge Current Imax (8/20μs)kA	10				20				40				65															
Max. Continuous Working Voltage Uc (V)	275	320	385	420	275	320	385	420	275	320	385	420	275	320	385	420												
Protection Level Up (kV)	<1.4	<1.4	<1.4	<1.4	<1.6	<1.6	<1.6	<1.6	<1.8	<1.8	<1.8	<1.8	<2.0	<2.0	<2.0	<2.0												
Back-up Fuse	40AgL				40AgL				63AgL				80AgL															
Response Time (ns)	<20																											
Residual Current 75% Uc 1mA	<20pA																											
Test Classification	II级																											
Protection Level	IP20级																											
Ambient Air Temperature (C)	-40 C ~ +80 C																											
Insulating Shell Material	PBT/PA66																											
Flame Resistance Level	V0																											
Mounting	35 mm device rail (DIN)																											
Shell Color	Red																											
Current for Back up Fuse or Breaker	40~80																											
Terminal Capacity (mm ²)	Phase line/Zero line																											
	Earth line																											
Test Standard	GB18802.1 GB18802.21 IEC61643-1 IEC61643-21 UL1449 ed.2																											

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DIMENSIONS

Outline and installation dimensions





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