

For Single phase

Application

SUP3 series surge protective device (hereinafter called SPD) is suitably used in the IT, TT, TN-C, TN-S, TN-C-S and etc power supply system of AC 50/60Hz, rated voltage up to 380V, to protect from direct and indirect lightning impulse and other transient over voltage. As per the conditions of IEC61643-1:1998-02 standard, Class I surge protective device, it is category B surge protective device.



Operation Elements

- Single pole structure, single pole or three poles combined SPD available.
- SPD has built-in disconnecter, when SPD is invalid due to overheating or breakdown, the disconnecter can automatically separate SPD from the network, meanwhile send an indication signal.
- The visible window show white color in normal service, if to be separated from network, it will show red color. It can adopt Kelvin wiring mode.
- Large current carrying capacity, fast response time, low residual voltage.

Specifications

Type& Specs	SUP3-40
Max Continuous operating voltage U_c (VAC)	420 275
Protection voltage level U_p (kV) \leq	1.8 1.5
Max. discharging current (8/20 μ s) I_{max} kA	45
Nominal discharging current (8/20 μ s) I_n kA	15
Response time (ns)	<25
Invalidation indicating	Aging invalidation: white: Normal ; red: invalidated
Protection degree	IP20
Application	Protection for incoming line