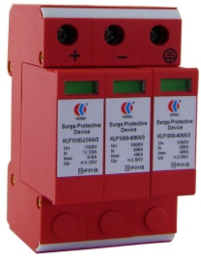
SURGE PROTECTIVE DEVICE

(1) Product Description:
This SPD is applied to provide over voltage protection for DC power supply electronic equipment. C class over voltage protection device, designed according to IEC standard, various power supply voltage available and select corresponding specifications.

◆ Adopt temperature control circuit breaker technology which has built-in over current breakers and thermal fuse circuit breakers, automatically trip once deterioration.

◆ With modular deterioration indication design and flame-retardant shell.

◆ Widely used to the DC power lightning protection of solar power systems, mobile communication base stations, microwave communications bureau, telecommunications room, factory, civil aviation, finance, securities and other system.



(2) Technology Parameters:

Model	KLF1500-25KA/3
Protection Class	C
Working Voltage Un(DC)	1500V
Nominal Discharge Current (8/20μs) (In) DC+/DC- >PE	12.5kA
Total Discharge Current (8/20μs) (Itotal)	25kA
Voltage Protection Level(Up)	≤6kV
Response Time	<25ns
Protection Mode	+/-~PE
Working Environment	Temperature -40°C +80°C;Relative humidity<95%
Material of Outer Shell	Flame retardant materials
Dimension(L×W×H)	90×54×66mm
Weight	0.41kg

(3) Product Installation:
1.The SPD connected in parallel with the power lines, installed by the way of 35 mm leading rail.
2.When installed, in and out terminal of SPD will be corresponding connected with"+","-"pole of the DC power; "PE" is connected with grounding line; Connection way is by screwing tightly.
3.All wires must be solid and connected by electrics cable. SPD cable: BVR$\geqslant$2. 5mm^2.
4.Grounding of lightning protection should comply with the lightning protection standard; grounding wire should be as thick and short as possible, ground resistance should be less than 4Ω. The grounding wire of SPD reliable connected with the grounding row of lightning protection system, after installation finished, check the wires if correct, switch on, then the SPD can be put into use.
(4) Product size and installation diagram: