

DC MODULE SURGE PROTECTOR KHYS24-20KA/2

Order No: L2024

This SPD is applied to provide fine over voltage protection of electronic equipment whose power is supplied by direct-current power supply. It is D-level over voltage protection device, is design according to IEC and GB standard, is available in a variety of different power supply voltage and selector corresponding specifications.

- ◆ The product is use for lightning protection zone: LPZ2 area at the junction with the LPZ3 (D class) power lines of the lightning surge protection.
- ◆ It uses high temperature resistant plastic with excellent tightness, and easy to install wiring.
- ◆ Adopt temperature control circuit technology which has built-in over current breakers and thermal fuse circuit breakers, automatically trip because of deterioration.
- ◆ this unit is modular deterioration instructions and flame-retardant shell.
- ◆ It has dustproof, anticorrosion and other functions.
- ◆ It is used in a relatively harsh environment staying a long-term stability.
- ◆ It is widely used in the lightning protection of telecommunications room DC bus, the DC bus bar microwave communications room, closing the substation bus, control bus.



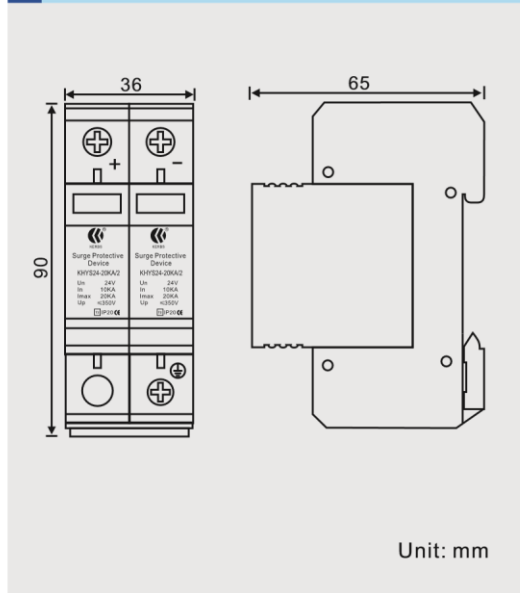
(2) Technology parameters:

Model	KHYS24-20KA/2
Protection Class	D
Operating Voltage (Un)	DC24V
Nominal Discharge Current(8/20μs) (In)	10KA
Max. Discharge Current(8/20μs) (Imax)	20KA
Voltage Protection Level(Up)	≤350V
Max. Continuous Operating Voltage (Uc)	30V
Response Time	<25ns
Leakage current	≤20μA
Protection Mode	+/PE,-/PE
Working Environment	Temperature -40°C ~+80°C;Relative humidity<95%
Material of Outer Shell	Flame retardant materials
Dimension(L×W×H)	90×36×65mm
Weight	0. 21kg

Product Installation

1. The lightning arrester is connected with the power lines in series, then with the ground network.
2. When installation, inlet and outlet terminal of lightning protection devices will be connected with "+", "-" pole of the corresponding DC power; "PE" symbol is connected with grounding line; the way of wiring is the screw tight solid type.
3. All wiring must be solid and connect by electric. SPD grounding line: $BVR \geq 2.5mm^2$.
4. Lightning proof grounding should be consistent with lightning protection regulatory requirements, grounding wire should be as thick and short as possible, resistance should be less than 4Ω .

Dimension Picture



Installation Diagram

