POWER SURGE PROTECTOR

(1) Product Description：
This product is three-phase parallel connection power surge protective device (called: SPD).With artistic appearance, simple wire connection and maintenance, work stability in a relatively harsh environment in a long-term.

◆The product used for lightning protection zone: LPZ1 area at the junction with the LPZ2(C class) power lines of the lightning surge protection.

◆ Extremely large intake capacity, small leakage power, quick respond, long working life.

(2) Technology Parameters:

Model	KHYS380-40KA/4
Protection Class	C
Working Voltage Un	380V/AC
Max. Continuous Operating Voltage Uc	385VAC
Operating frequency	50-60Hz
Nominal Discharge Current (8/20μs) (In)	20kA
Max. Discharge Current (8/20μs) (Imax.)	40kA
Voltage Protection Level(Up)	≤1.5kV
Response Time	< 25ns
Leakage Current	≤20μA
Working Environment	Temperature -40°C~+80°C;Relative humidity<95%
Indicate Deterioration	Green: Normal; Red: Deterioration
Protection Mode	L1,L2,L3-PE,N-PE (4P)
Material Of Outer Shell	PBT
Dimension(L×W×H)	90×72×62mm
Weight	0.53kg

(3) Product Installation:

1.SPD apply power distribution system lightning protection, installed in parallel on the input side of the distribution board or the power distribution box in the buildings, 35 mm electrical lead rail.

2.Before installation please connect according to the following diagram, L1,L2,L3 are phase line, N is null line, PE is ground line, please connect correctly.

3. During using lightning protection box, we should check the display window status regularly, when the display window was green, indicate that the product normal, while the display window was red means the product deterioration, should be repaired or replaced promptly.

4. Apply to indoor operation, If outdoors installation, must with waterproof box.

5. All wires must be solid and connected by electrics cable. SPD cable: BVR≥4mm^2, ground resistance should be less than 4Ω.

(4)Product size and installation diagram:



