

JD060K385DH3 (J)

MAIN FEATURE:

- Temperature control turn-off technology and over-current protection circuit avoid fire accident completely;
- Multi auto current-distributing tech makes it can endure lightning continuously and fit especially for high frequency lightning area;
- Low residual voltage, superior performance;
- Two colors LEDs indicate operating status syllabify and straightly ;
- Remote alert monitor function.;
- Compact form, simple installation and maintenance;
- Good technics, long life even in bad circumstance



The JD060K385DH3 series are designed for class I (class B) protection of single-phase AC power supply against lightning over-voltage destruction

PARAMETERS

Model		<u>JD060K385DH3(J)</u>	<u>JD080K385DH3(J)</u>	<u>JD100K385DH3(J)</u>
Nominal voltage V_n		Single-phase 220V		
Max Continuous operating voltage V_c		385V		
Nominal discharge current I_n		25kA(8/20 μ s)	30kA(8/20 μ s)	40kA(8/20 μ s)
Maximum discharge current I_{max}		60kA(8/20 μ s)	80kA(8/20 μ s)	100kA(8/20 μ s)
Protection level $U_p(8/20\mu s)$	L-N mode	U _{20kA} 1500V U _{40KA} 1800V	U _{20kA} 1500V U _{40KA} 1800V	U _{20kA} 1500V U _{40KA} 2000V
	N-PE mode	U _{20kA} 600V U _{40KA} 700V	U _{20kA} 600V U _{40KA} 800V	U _{20kA} 600V U _{40KA} 900V
Sensitivity of lightning counter		3kA(8/20 μ s)		
Response time		25ns		
Connecting cable section area		10mm ² -35mm ²		
Dimensions		390mm×300mm×150mm		
Working environments		Temperature -40 +70 , Humidity relative 95%,Altitude 3km		

INSTALLATION

1) The protection box should install close to the general power distribution cabinet. (Chart 1)

2) The connection of the SPD

2.1 The protection box connection way, please check attached instruction..

2.2 There is alarm transit port on the SPD (normally low impedance, failure high impedance.). Connection port is on the plate inside the case. If long distance control needed, just plug the alert device in open circuit..

2.3 Check all the connections, then electrify, All indicators green shows the lightning protection box normal.

NOTICE

1. Shut down power supply before installation. The connecting cable must be up to standard.

2. If system operating current of 'A' is more than 100A, 'B' (a air breaker or meltable fuse of 63A) is necessary. (chart 2)

3. When the LED lights are in green it shows the SPD is normal, if they are red, that means the SPD has fault and need to be replaced immediately.

4. When remote alarm spring, check protection box carefully, the failure part must be replaced immediately.

5. No special maintenance was needed. Check the connection state, working state and LED once a period.

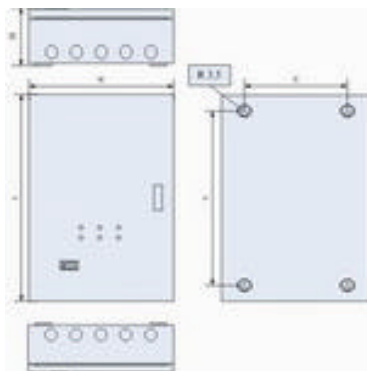


Chart 1

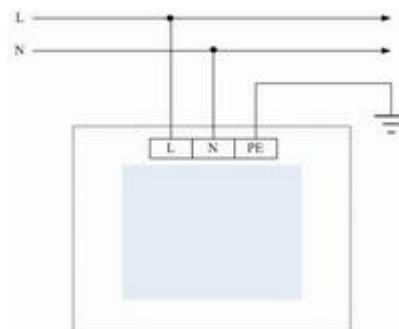


Chart 2

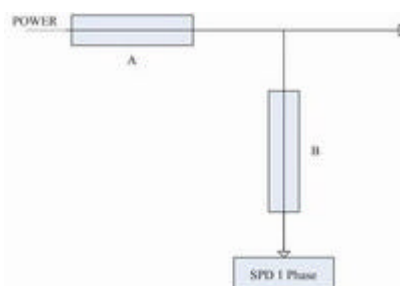


Chart 3