

## YD25K385EH

### MAIN FEATURES

- Adopted special temperature-controlled disconnect technology, thus stands to prevent thoroughly from fire risk.
- Remote alarm terminal, convenient for remote monitor ;
- Two color LED indicate operating state syllabify and straightly ;
- Adopt symmetry compound circuit, common mode& differential mode protected;
- Integrative design, convenient installation, simple maintenance;



**YD25K385EH used in Single phase AC power system lightning/over-voltage protection**

### PARAMETERS

TYPE	YD25K385EH
Nominal voltage V <sub>n</sub>	220V , 50/60Hz
Max Continuous operating voltage V <sub>c</sub>	320V
Nominal discharge current I <sub>n</sub>	10kA ( 8/20 μ s )
Maximum discharge current I <sub>max</sub>	25kA ( 8/20 μ s )
Protective Level U <sub>p</sub>	1800V ( 10kA 8/20 μ s )
Power line clamp type lead section area	4 mm <sup>2</sup> 25 mm <sup>2</sup>
Enclosure dimensions	90 ×86 ×68mm ( alarm terminal not included )
Working environments	Temperature – 40 +70 , Humidity relative 95% ,Altitude 3km

## INSTALLATION

1. Standard Din rail mount ( NS 35 ) , install in the general power distribution cabinet.
2. Do connection when the SPD is well installed, power line SPD wiring should adopt the way shown in Chart1.(suggested), if the Chart1.can' t be carried out should take the wiring as Chart2, the lead should be as short as possible, total length should within 0.5M when Chart2 wiring adopted.
3. The remote alarm terminal is on the lower right of the SPD, connect the open circuit alarm system if remote alarm was needed. Under electrify condition, connect the alarm lead to the alarm connecting terminal first and then plug the terminal into the alarm interface while wiring.

## NOTICE

1. No special maintenance needed except for periodic inspection for looseness of connection bolts and normality of indicator (normal green).
2. When remote alarm spring, or the indicator shines red means the SPD components have fault or damaged, protection level may be reduced and need to be replaced immediately.

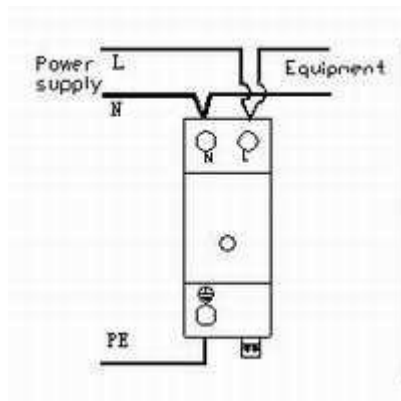


Chart 1

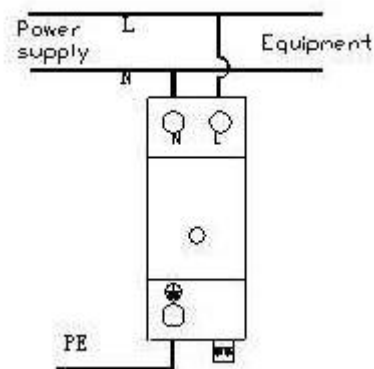


Chart 2

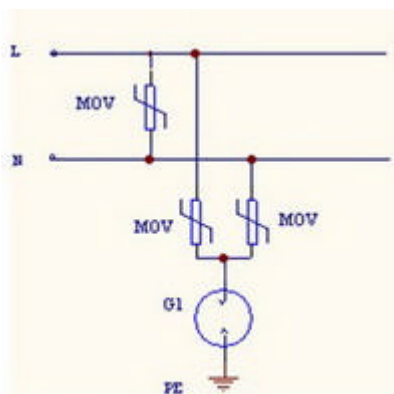


Chart 3

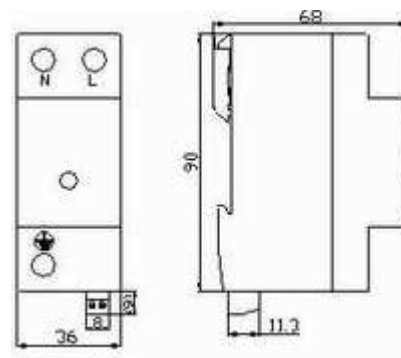


Chart 4