

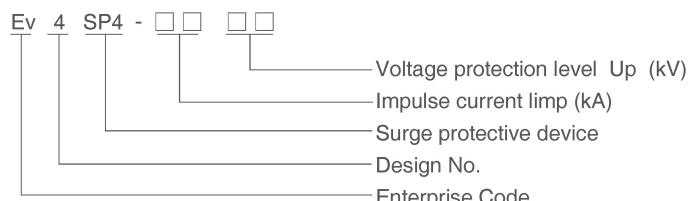
## Brief Instruction



Ev4SP-PV series photovoltaic SPD with reliable voltage protection, extra strong safety overload characteristics and super surge current discharge ability, which can be used as lightning protection of power distribution system for PV.

Ev4SP-PV series of PV SPD with high energy MOV chip, nanosecond response speed. Flexible and convenient combination, safe protection function. Products comply with CGC/GF 026:2013, EN50539-11:2013 standard.

## Denominated indication



## Technical parameters

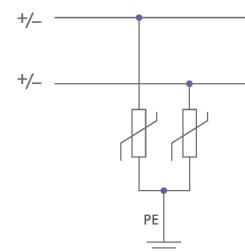
Model	Ev4SP-40	Ev4SP-60	Ev4SP-80
Rated working voltage of Uo (V)	24 48 200 300 500 600 800 1200	300 500 600 800 1200	300 500 600 800 1200
Max.continuous operating voltage Uc (V)	75 100 300 500 600 800 1000 1500	500 600 800 1000 1500	500 600 800 1000 1500
Max.discharge current Imax 8/20μs (kA)	20	30	40
Nominal discharge current In 8/20μs (kA)	40	60	80
Voltage protection level Up (kV)	< 0.3 < 0.5 < 2.0 < 2.8 < 3.0 < 3.5 < 4.0	< 2.8 < 3.0 < 3.5 < 4.0	< 2.8 < 3.0 < 3.5 < 4.2
Local indicator	Green indicates normal state and red indicates failure		
Protection class IP	IP20		
Material	PA66		
The outer flame retardant grade	Comply with UL94V-0		



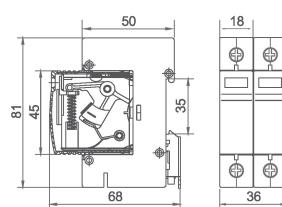
## Kinds Of Function

- ◆ U type structure, common mode protection mode.
- ◆ Built in overheating, over-current protection mechanism .
- ◆ Reliable quenching device .
- ◆ The local fault indication, convenient and timely replacement.
- ◆ Alarm contact, realize function of remote communication.
- ◆ Modular structure design, convenient for maintenance.
- ◆ Standard 35mm track design, convenient installation.

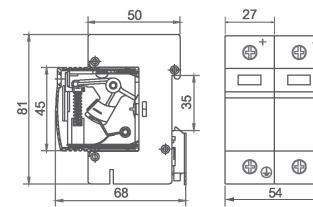
## Connection mode



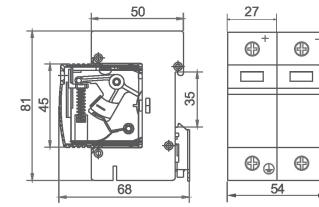
## Structure size diagram



Ev4SP-40U



Ev4SP-60U



Ev4SP-80U