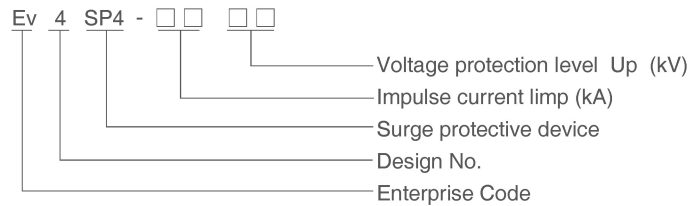


Brief Instruction

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



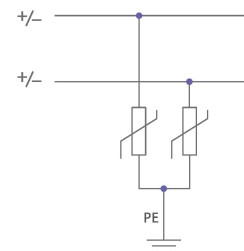
Technical parameters

Model	Ev4SP-40	Ev4SP-60	Ev4SP-80
Rated working voltage of U_o (V)	24 48 200 300 500 600 800 1200	300 500 600 800 1200	300 500 600 800 1200
Max.continuous operating voltage U_c (V)	75 100 300 500 600 800 1000 1500	500 600 800 1000 1500	500 600 800 1000 1500
Max.discharge current I_{max} 8/20 μ s (kA)	20	30	40
Nominal discharge current I_n 8/20 μ s (kA)	40	60	80
Voltage protection level U_p (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

