

DC Surge protective device (SPD)

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SSPD Series Surge Protector

SSPD surge protective device, protect against lightning surge voltages in solar system (photovoltaic power supply system).

These units must be installed in parallel on the DC networks to be protected and provide common and different modes protection. Its installed location are recommended at both ends of the DC power supply line (solar panel side and inverter/converter side), especially if the line routing is external and long.

High energy MOVs equipped with specific thermal disconnectors and related failure indicators.



SSPD series surge protector		SSPD	
PV DC-specific (LEC 66143-1/EN 61643-11)			
Pole		2P	
Electrical Parameter			
Classified test		II	
Uoc max (V DC)		500	
Uc (V DC)		500	
In(8/20)us (kA)		20	
Imax(8/20)us (kA)		40	
Up (kV)		2.0	
Remote control and indication			
Indication window			
Plug-in Module			
Remote signal contact			
Remote signal contact	maximum working voltage(V)	250 AC/30V DC	
	maximum working current (A)	1A(250V/ AC)	
	IA(30V DC)	1A(30V/ AC)	
Wiring & installation			
Wiring capacity(mm ²)	Hard wire	4~25	
	Flexible wire	4~16	
Stripping length(mm)		10	
Terminal screw		M5	
Torque(Nm)	Main circuit	3.5	
	Remote signal contact	0.25	
Protection class	All profile	IP40	
	Connection port	IP20	
Installation environment		No obvious shock and vibration	
Altitude (m)		≤ 2000	
Working Temperature		-3.0~+70	
Relative humidity		30%~90%	
How to Install		Installed with H35-7.5/DIN35 steel mounting rail	
Size(mm)(WxHxL)	W	36	
	H	90	
	L	67.6	
Weight (kg)		0.24	



บริษัท เอ็นจิเนีย จำกัด

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