



SUP2H-PV SERIES SURGE PROTECTOR

Quick Details

Place of Origin: Zhejiang, China (Mainland)

Brand Name: Suntree/

Model Number: SSPD

color: RED

type: SUP2H-PV

Electricity Type: DC

Certificate: IEC,ROHS,ISO,CE

Price: Competitive prices

Quality Assurance: 18 Month

Mechanical life: 10years

Installation: Outdoor

maximum working voltage: 250AC/30VDC

Application

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.

Specifications

SUP2H-PV series surge protector		SUP2H-PV		
PV DC-specific(IEC66143-1/EN61643-31)		2P	2P	2P
Pole				
Electrical parameter				
Classified test		II	II	II
UCPV (VDC)		500	600	800
In (8/20) us (kA)		20	20	20
Imax (8/20) us (kA)		40	40	40
Up(kv)		2.8	2.8	3
Remote control and indication				
Indication window				
Plug-in Module				
Remote signal control				
Remote signal control	maximum working voltage(V)	250 AC/30VDC	250 AC/30VDC	250 AC/30VDC
	maximum working current(A)1A(250V/AC)	1A (250V/AC)	1A (250V/AC)	1A (250V/AC)
	1A (30VDC)	1A (30V/AC)	1A (30V/AC)	1A (30V/AC)
Wiring & installation				
Wiring capacity (mm2)	Hard wire	4 ~ 25	4 ~ 25	4 ~ 25
	Flexible wire	4 ~ 16	4 ~ 16	4 ~ 16
Stripping length(mm)		10	10	10
Terminal screw		M5	M5	M5
Torque(Nm)	Main circuit	3.5	3.5	3.5
	Remote signal contact	0.25	0.25	0.25
Protection class	All profile	IP40	IP40	IP40
	Connection port	IP20	IP20	IP20
Installation environment		NO obvious shock and vibration		
Altitude(m)		≤2000	≤2000	≤2000
Working Temperature		-3 ~ +70	-3 ~ +70	-3 ~ +70
Relative humidity		30% ~ 90%	30% ~ 90%	30% ~ 90%
How to install		Installed with H35-7.5/DIN35 steel mounting rail		
Size(mm)(W*H*L)	W	36	36	36
	H	90	90	90
	L	70	70	70
Weight(kg)		0.24	0.24	0.24