

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(LEC66143-1/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 workng voltage(V)	250 AC/30VDC	250 AC/30VDC	250 AC/30VDC
	maximum workng 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 screwa		M5	M5	M5
Tarque(Nm)	Main cirult	3.5	3.5	3.5
	Remate 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 Temperatture		-3～+70	-3～+70	-3～+70
Relative humiclity		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