

DESP-D2

Surge Protective Device



PRODUCT APPLICATION

DESP-D2 series surge protective devices have reliable voltage protection level, super surge discharge capacity and safety overload capacity, which are used for lightning protection of photovoltaic power generation system. The product is equipped with high-energy mov chip, so when the system has overvoltage due to lightning stroke or other reasons, it can introduce the voltage into the earth with nanosecond response speed, so as to protect the equipment.

PRODUCT BENEFITS

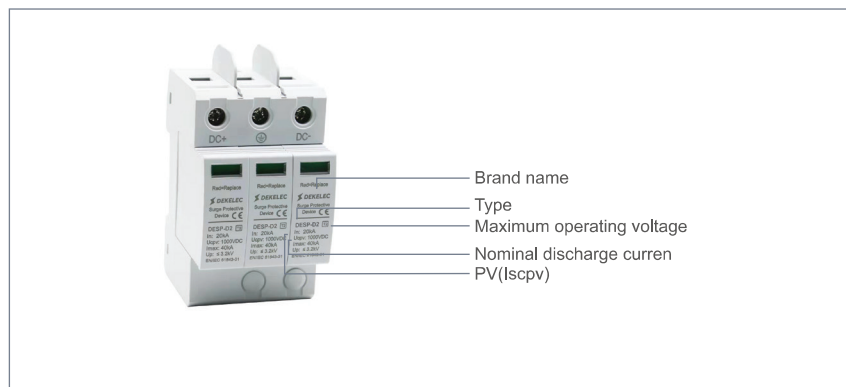
- Type 2 Surge Protector for Photovoltaic
- I_{max}:40kA
- No leakage, no operating currents
- EN/IEC 61643-31 compliance
- TUV and CE approved
- Remote signal(optional)

SELECT CODE

$\frac{DE}{1}$ $\frac{SP}{2}$ - $\frac{D}{3}$ $\frac{2}{4}$

Code	Name	Description
1	brand	DE
2	Surge Protector	SP
3	DC	D
4	Type	2:Type 2 12:Type1+Type2

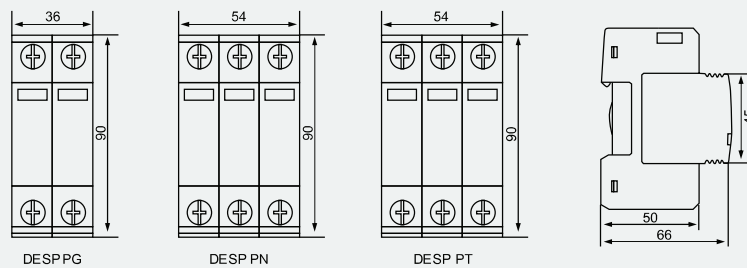
APPEARANCE INTRODUCTION



TECHNICAL DATA

Type	DESP-D2	DESP-D2	DESP-D2
Pole	2P	3P	3P
Standard	EN 50539-31		
SPD according to EN 50539-11	Type2		
Maximum PV voltage(Uocstc)	PV network 600/800 VDC	PV network 1000 VDC	PV network 1500 VDC
Connection mode	+/-/PE		
Maximum operating voltage(Ucpv)	600/800/1000VDC	1000 VDC	1500 VDC
Current withstand short circuit	500A		
PV(Iscpv)			
Nominal discharge curren(I _n)	20kA		
Max. discharge current(I _{max})	40kA		
Protection level I CM/DM @ I _n (U _p)	2.2kV/3.0kV	3.2kV	5.0kV
Responses Time(TA)	≤25ns		
Disconnection indicator	Green: normal, Red: fail		
Remote signaling of disconnection	Option		
Mounting	Symmetrical rail 35mm		
Operating temperature	-40/+85°C		
Protection rating	IP20		
Housing material	Thermoplastic UL94-V0		
Certification	CE/TUV	CE/TUV	CE/TUV
Connection to Network	Screw terminals:2.5-25mm ²		
Dimensions	36*90*66mm	54*90*66mm	54*90*66mm

DIMENSION (MM)



CONTACT CONFIGURATION

