

BUD-1500

PV DC Surge Protection Device



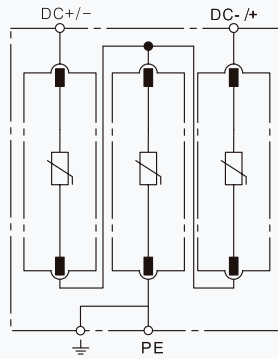
Application

ZBENY Developed and manufactured 1500V surge protector, in line with IEC/EN 616143-31, with a maximum continuous operating voltage of 1500V; High pressure Sensitive resistor, nanosecond response speed, high efficiency to prevent lightning voltage damage to photovoltaic power generation system.

Parameter

Type	BUD-1500
Test standard	IEC/EN 61643-31
Type	T2
Max.PV voltage(U_{cPV})	1500V
Short-circuit current rating(I_{scPV})	10kA
Total discharge current (8/20 μ s) (I_{total})	40kA
Nominal discharge current(8/20 μ s)(I_n)	20kA
Voltage protection level (U_p)	6kV
Response time(t_A)	≤ 25 ns
Operating temperature range(T_U)	-40°C~+85°C
Operating state/fault indication	green/red
Number of ports	1
Cross-sectional area(min.)	1.5mm ² solid/ flexible
Cross-sectional area(max.)	35mm ² stranded/25mm ² flexible
For mounting on	TH35-7.5/DIN35
Place of installation	indoor installation
Degree of protection	IP20
Approvals	TUV,CE

Principal Drawing



Dimensions(mm)

