

# SUP2-PV DC B+C serie T1 T2 DC surge protection decives



## Product Introduction

SUP2 DC -B+C series (T1+T2) surge protection devices suitable for PV system, When the system has a surge overvoltage due to lightning strikes or other reasons, the surge protector is quickly turned on within the nanosecond time. Inductive surges are introduced into the earth to protect electrical equipment on the grid

SUP2-DC B+C (T1+T2) is a plug-in structure that can be quickly replaced if the module fails. If the lightning protection module fails, the color of the indication window changes from green to red, and an alarm signal is sent to the remote alarm device linked to the product remote communication terminal.

Installed in parallel on the DC networks to be protected and provide common and different modes protection.

High energy MOVs equipped with specific thermal disconnect

Related failure indicators.

With visual indication

With optional remote contact signaling

Adopt import high quality chip. Material Zinc oxide

Easy to change with plug-in module

Every pole achieve 1000V, 800V, 500V

PPT cover with Anti flame material

Meet National Standard Test & TUV test

In accordance with IEC 60364-7-712

In 2 years warranty

Double protection: disconnection and short-shunting device with safe electrical isolation

Approved Static test: Voltage, current, leakage current

## Parameters

SUP2-DC B+C series surge protector	SUP2-DC B+C		
Normal PV system voltage	500V	800V	1000V
MCOV (Uc)	630V DC	1000V DC	1060V DC
Discharge current(10/350)	7kA		
Voltage protection level(U <sub>p</sub> )	≤2.8kv	≤3.8kv	≤4.5kv
Technology	Short-current interruption overload protection		
Operating temperature range	-40°C + 80°C		
Normal discharge current	12.5ka		
Response time	<25ns		
Operating state/fault indication	green(good) Red(replace)		
Mounting	35mm din rail per EN 60175		
Enclosure material	UL 94V0 thermoplastic		
Degree of protection	IP20		
Capacity	3 Modules, din 43880		
Pole	2pole	2pole 3pole	3pole
Leakage 0.75u ImA(uA)	≤20A		

## Installation Size

