

Application

YTTS1-PV1/2 is a Type 1+2 surge protector specially designed for photovoltaic power generation, it is installed at the outlet of photovoltaic panels with high risk of direct lightning strike, it is suitable for photovoltaic system protection with DC voltages of 1000V and 1500V.



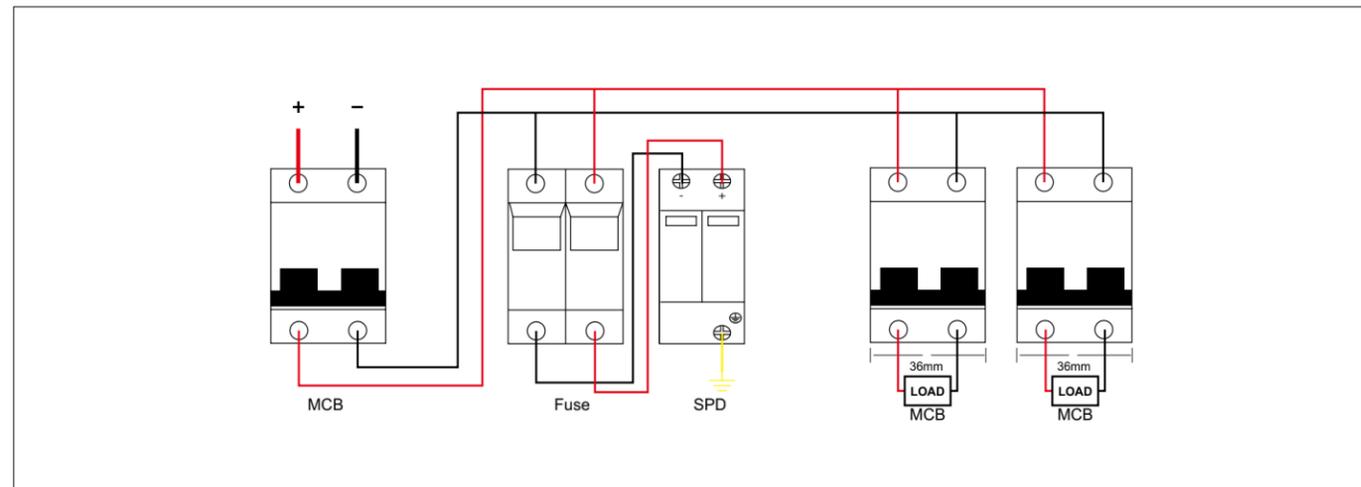
Specifications

Product Model	YTTS1-PV1/2	
Pole	2P	3P
Rated Frequency	One port	
SPD Category	Combined type	
Test Category	Class I+II test	
Colour	White	
Maximum Continuous Operating Voltage Uc	600VDC	1000VDC
Voltage Protection Level Up(8/20μs)	≤2.2kV	≤4.0kV
Nominal Discharge Current In(8/20μs)	20kA	20kA
Maximum Discharge Current Imax(8/20μs)	40kA	40kA
Impulse current Iimp (10/350μs)	12.5kA	12.5kA
Response Time tA	≤25ns	
Size	36x90x80	54x90x80
Failure Indication	Green: Normal Red: Failure	
Sectional Area Of Wires	6~25mm ²	
Installation Method	35mm standard rail	
Working Environment Temperature	-40°C ~ +85°C	
Sheathing Material	Plastic	
Protection Level	IP20	
Executive Standard	IEC 61643-31	

Features

1. Type 1+2 surge protective device for Photovoltaic
2. Module design, convenient installation, could be replaced
3. Time of response <25ns
4. The color of visible window shows operating status, green means normal, red means abnormal.
5. No leakage, no operating currents
6. Remote Signaling (option)

Wiring diagram



Dimension

