Thank you for choosing PROJOY products.
Please read carefully before installation.

PROJOY electric
– Switch To Safety! –

PESP INSTRUCTIONS FOR INSTALLATION AND OPERATION

Installation

PROJOY PESP surge protective devices belongs to T2 which used for DC side of the photovoltaic system, when overvoltage in the system caused by lightning or other reasons, the SPD immediately turned in the nanosecond time to discharge the overvoltage into the earth, and protect equipment power network.

Irrespective of the load current, plug-in and plug-out design, can be replaced in live station, easy to maintenance.

Built-in temperature control circuit technology, high safety performance, without freewheeling.

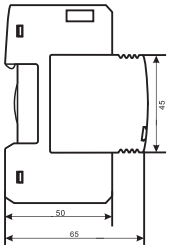
Green instruction window indicates a normal station, the red one indicates a fault station, easily distinguished.

With remote signal monitoring interface (dry contact), and remote monitoring working conditions.

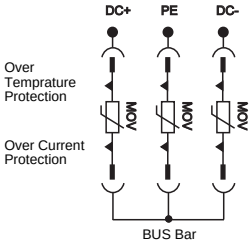
Y-type design, three groups of high-performance metal oxide varistor, more efficient and more secure.

TYPE	PESP–1000	PESP–1500
PV System continuous operating voltage Ucpv	1000VDC	1500VDC
Protection level Up	3.5kV	5.5kV
Nominal discharge current PV In	20kA	
Max discharge current Imax	40kA	
Working environment	–40℃ ~ +70℃	
Relative humidity	≤95% (25℃)	
Installation mode	35mm standard DIN rail	
Indicator	Normal: green; abnormal: red	

Outline and Installation Size



DIMENSIONS



WIRING DIAGRAM

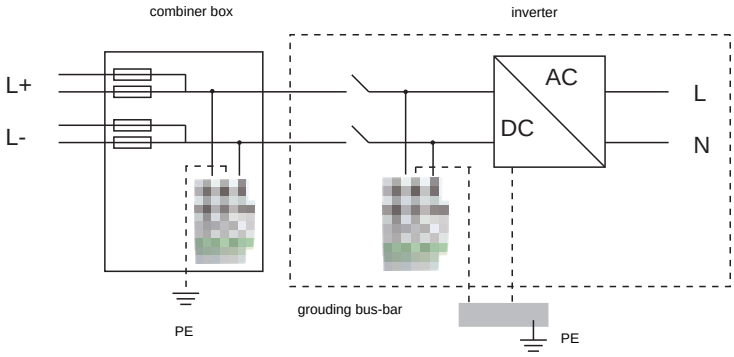


Diagram of the Remote Signal and Flash Barrier

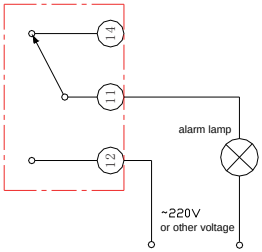


diagram of the indicator light

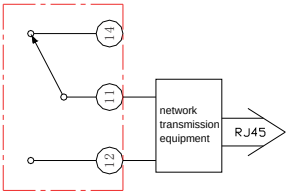


diagram of network transmission(normal open)



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