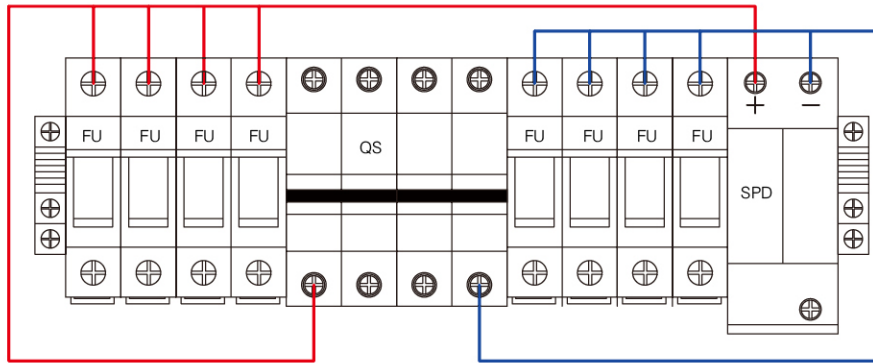
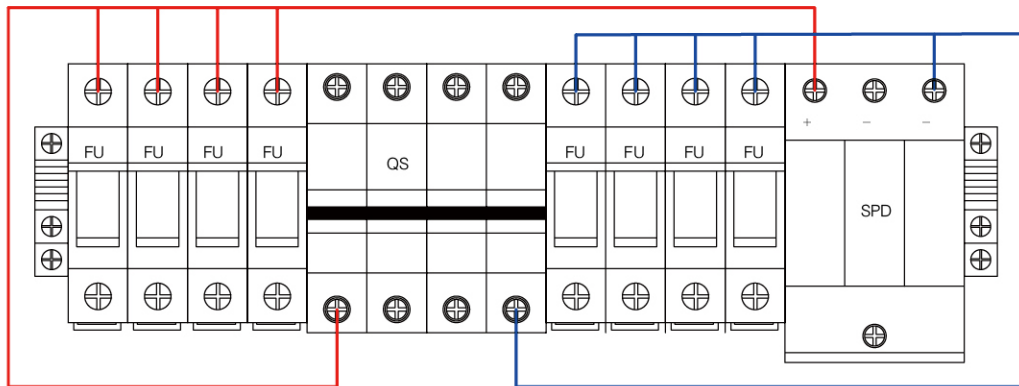


SHLX-PV4/1 DC COMBINER BOX

- High reliability
With DC FUSE
With DC Surge Protection Device
With DC circuit breaker or DC load isolation switch.
- Strong adaptability
IP65 design, waterproof, anti dust and anti ultraviolet.
Strict test for high and low temperature, used widely.
The simple installation, the simplified system wiring, the convenient wiring .
The box body is made of cold rolled steel and other metal materials.
- Flexible configuration
Used for single crystal silicon solar modules, polycrystalline silicon solar modules, thin film solar modules. Current rating of the photovoltaic fuse, circuit breaker, load isolation switch is modified.



DC550V



DC1000V

DESCRIPTION

SHLX-PV4/1 combiner box is suitable for inverter (MAX input voltage DC550V/DC1000V, 4 PV input channel, 1 output channel, single MPPT inverter). Box body is made of PVC engineering materials, with test for fire retardant, temperature rise, anti impact, anti ultraviolet, and other testing. IP65 protection grade.

Design and configuration strictly accordance with the "Technical specification for photovoltaic junction equipment " CGC/GF 037:2014. Provide users with a safe, brief, beautiful and applicable photovoltaic system products.

TECHNICAL PARAMETERS

Name		SHLX-PV4/1	
Electric parameter			
System maximum dc voltage	550		1000
Maximum input current for each string		15A	
Maximum input strings		4	
Maximum output switch current		50A/63A	
Number of inverter MPPT		1	
Number of Output strings		1	
Lightning protection			
Category of test	II grade protection		
Nominal discharge current	20kA		
Maximum discharge current	40kA		
Voltage protection level	2.8kV		3.8kV
Maximum continuous operating voltage U _c	630V		1050V
Poles	2P		3P
Structure characteristic	Plug-push module		
System			
Protection grade	IP65		
Output switch	DC isolation switch(standard)/DC circuit breaker(optional)		
SMC4 Waterproof Connectors	Standard		
PV dc fuse	Standard		
PV surge protector	Standard		
Monitoring module	Optional		
Preventing diode	Optional		
Box material	PVC		
Installation method	Wall mounting type		
Operating Temperature	-25°C~+55°C		
Elevation of temperature	2km		
Permissible relative humidity	0-95% , no condensation		
Mechanical parameter			
Width×High×Depth	410×285×140		

SCHEMATIC DIAGRAM

