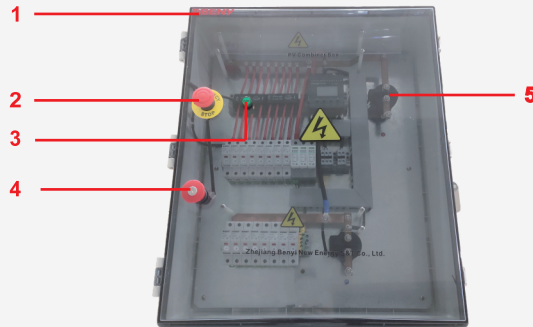




Application

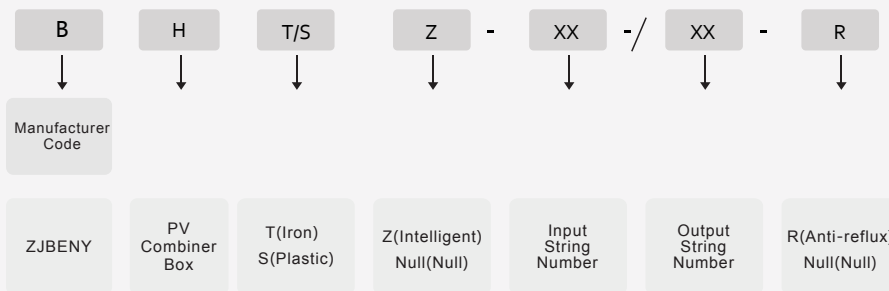
ZBENY The Arc Fault Circuit Interruption Combiner Boxes monitor the current and voltage of each strings and the temperature in enclosure, the integrated automatic contactors triggered when there is arc fault detected. So the PV DC strings will be shut down rapidly. The solution provides solar PV system safety. The DC contactors can be remotely controlled for easier system maintain.

Appearance Introduction



- 1 Brand
- 2 Emergency button
- 3 Indicating light
- 4 Start/Stop(Lockable)
- 5 Contactor

Type Instruction



Parameter

Model No.	BHSZ-8/1	BHSZ-12/1	BHSZ-16/1
Max Rated Voltage	600VDC / 1000VDC		
Number of Input	8	12	16
Max Input Current Per Each String	10A / 15A / 20A / 25A / 30A		
Connection Type of Input	PG09		
	MC4		
Input Cable Size	Ø4-8mm		
Max Output Current	100A / 125A / 250A	125A / 160A / 200A / 250A	200A / 250A / 315A / 350A / 400A
Connection Type of Output	PG 36, Ø22-32mm		
	Customizable		
DC Surge Arrester	T2/T1+2, In=20KA, Imax=40KA, Ucpv=600VDC / 1000VDC		
Voltage of Monitoring Device	450VDC ~ 1000VDC		
Voltage of Contactor	24VDC (Built-in Power Supply)		
Enclosure	Plastic		
	Powder Coated Stainless Steel		
Protection Degree	NEMA13 (IP65)		
Ambient Temperature	-20°C ~ +60°C		
Humidity	0-99%		
Altitude	≤2000m (derating > 2000m)		
Installation method	Vertical / Horizontal		
Standard	IEC62109 / IEC61439 (EN62109 / EN61439)		