

# BB1H-63

PV DC Isolator Switches

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# BB1H-63

## PV DC Isolator Switches



- 1 Brand
- 2 Type
- 3 Rated Current
- 4 Rated Voltage
- 5 Standard Code
- 6 Certificate Symbol
- 7 Indicator
- 8 Wiring Diagram

- Nonpolarity
- Functions: Unfrequent operation and Isolation
- Rated Current: Up to 63A
- Rated Voltage: 1200V DC
- Flash Barrier Keep System More Safe
- Comply with :IEC60947-3/GB14048-3



### Application

**ZBENY** BB1 Series PV DC Isolator switches are mainly be used in PV solar power system, which are applied for DC solar combiner box, controller etc. The Max voltage up to 1200V DC, current up to 63A ,with the function of effective disconnection and Anti-reflux protection. Scientific design of arc-extinguishing system keep PV system more safe.

### Appearance Introduction



### Type Instruction

BB1H	-	63	4P	25	1200V
↓		↓	↓	↓	↓
Product Code		Max Rated Current	Pole	Rated Current	Rated Voltage
PV DC Isolator Switches		63A	1P 2P 3P 4P	25A 40A 63A	300V 600V 900V 1200V

### Parameter

Electrical Characteristics		BB1H-63			
Type	BB1H-63				
Comply With	IEC60947-3/GB14048.3				
Pole		1P	2P	3P	4P
Rated Working Voltage Ue	300V DC	600V DC	900V DC	1200V DC	
Max Rated Current	63A				
Rated Current In	25A,40A,63A				
Rated Insulated Voltage Ui	1200V DC				
Rated Impulsed Voltage Uimp	6KV				
Service Life/cycle Operation					
Mechanical	Actual Value	20000			
	Standard Value	8500			
Electrical	Actual Value	4000			
	Standard Value	1500			
Isolator Function	Yes				
Installation Environment					
Ingress Protection	All Sides IP40 ,Connection Terminal IP20				
Terminal Cross Section	2.5-25mm <sup>2</sup>				
Working Temperature	-25°C ~ +70°C				
Storage Temperature	-40°C ~ +85°C				
Resistance to Humidity And Heat	II (when humidity arrived to 55°C, relative humidity95%)				
Resistance to Shock	2.6 IEC60068				
Resistance to Impack	2.27 IEC60068				

## Wiring Method

Pole	1P	2P	3P	4P
Type				
Contacts Wiring graph				

## Dimensions(mm)

