

# BB1-63

## PV Mini Circuit Breakers

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## BB1-63

### PV Mini Circuit Breakers



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

- Nonpolarity
- High Short-Circuit / Breaking Capacity
- Functions: Overload, Short Circuit, Unfrequent Operation and, Anti-reflux Protection
- Rated Voltage: 1200V, Ultimate
- Breaking Capacity : 6KA
- Rated Current: 63A
- Comply with : IEC60947-2/GB14048-2

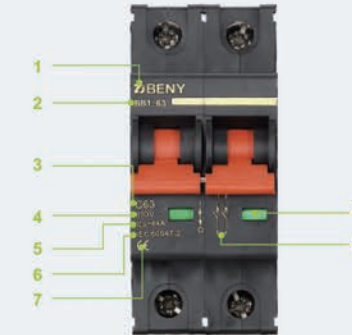


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### Application

**ZBENY** BB1 Series PV Mini Circuit Breakers are mainly applied to DC solar combiner box ,Controller etc. The main function include overload protection ,Anti-reflux protection and short-circuit protection. Scientific design of arc-extinguishing system keep solar system more safe. Max Voltage up to 1200V DC, current up to 63A.

### Appearance Introduction



### Type Instruction





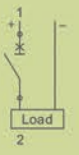
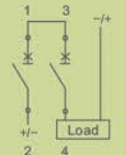
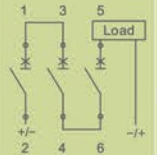
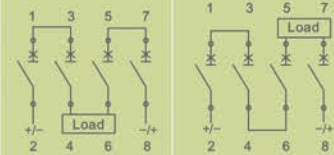
BB1	-	63	4P	25	1200V
Product Code		Max Rated Current	Pole	Rated Current	Rated Voltage
PV Mini Circuit Breakers		63A	1P 2P 3P 4P	3A,4A,6A 10A,13A,16A 20A,25A,32A 40A,50A,63A	300V 600V 900V 1200V

### Parameter

Electrical Characteristics		BB1-63			
Type	BB1-63				
Comply with	IEC60947-2/GB14048.2				
Pole		1P	2P	3P	4P
Rated Working Voltage: Ue		300V DC	600V DC	900V DC	1200V DC
Max Rated Current:		63A			
Rated Current In		3A, 4A, 6A, 10A, 13A, 16A, 20A, 25A, 32A, 40A, 50A, 63A			
Rated Insulated Voltage U <sub>i</sub>		1200V DC			
Rated Impulsed Voltage U <sub>imp</sub>		4KV			
Ultimate Breaking Capacity I <sub>cu</sub>		6KA			
Run Breaking Capacity I <sub>cs</sub>		100%			
Curve Type		B			
Tripping Type		Thermal Magnetic Type			
Service Life/cycle Operation					
Mechanical	Actual Value	20000			
	Standard Value	8500			
Electrical	Actual Value	4000			
	Standard Value	1500			
Installation Environment					
Ingress Protection		All Sides IP40 ,Connection Terminal IP20			
Terminal Cross Section		2.5-25mm <sup>2</sup>			
Working Temperature		-25℃~+70℃			
Storage Temperature		-40℃~+85℃			
Resistance to Humidity And Heat		II (when Humidity arrived to 55℃,Relative Humidity95%)			
Resistance to Shock		2.6 IEC60068			
Resistance to Impact		2.27 IEC60068			

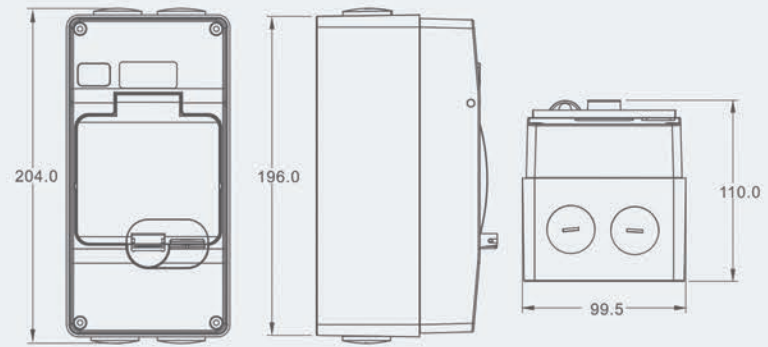
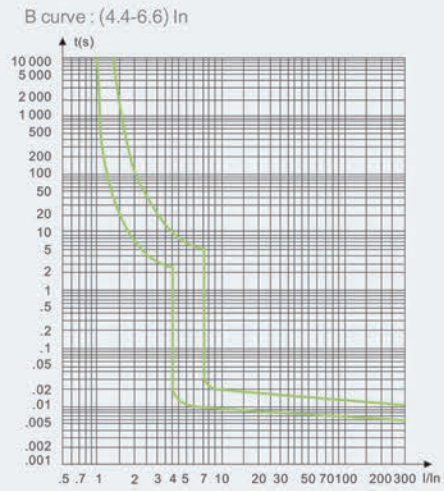
# BB1-63 PV Mini Circuit Breakers

## Wiring Method

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

## Characteristic Curve

## Dimensions(mm)



## Dimensions(mm)

