

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

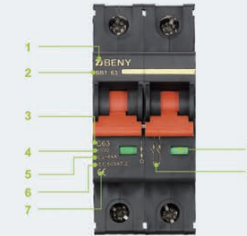


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Application

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






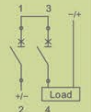
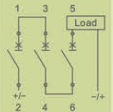
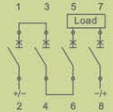
BB1	-	63	4P	25	1200V
Product Code		Max Rated Current	Pole	Rated Current	Rated Voltage
PV Mini Circuit Breakers		63A	1P 2P 3P 4P	3A, 4A, 6A 10A, 13A, 16A 20A, 25A, 32A 40A, 50A, 63A	300V 600V 900V 1200V

Parameter

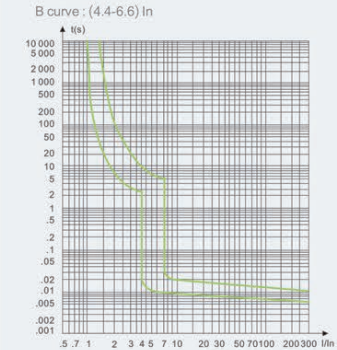
Electrical Characteristics		BB1-63			
Type		BB1-63			
Comply with		IEC60947-2/GB14048.2			
Pole		1P	2P	3P	4P
Rated Working Voltage Ue		300V DC	600V DC	900V DC	1200V DC
Max Rated Current		63A			
Rated Current In		3A, 4A, 6A, 10A, 13A, 16A, 20A, 25A, 32A, 40A, 50A, 63A			
Rated Insulated Voltage Uj		1200V DC			
Rated Impulsed Voltage Uimp		4KV			
Ultimate Breaking Capacity Icu		6KA			
Run Breaking Capacity Ics		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 ²			
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 Impact		2.27 IEC60068			

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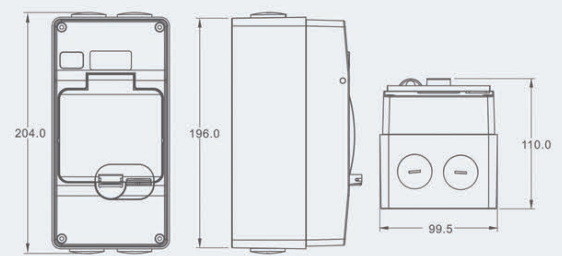
Wiring Method

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

Characteristic Curve



Dimensions(mm)



Dimensions(mm)

