

BD Series PV DC Moulded Case Circuit Breaker

- 1 Brand
- 2 Type
- 3 Rated Current
- 4 Rated Voltage
- 5 Breaking Capacity
- 6 Operation Breaking Capacity
- 7 Standard Code
- 8 Certificate Symbol
- 9 Wiring Diagram
- 10 Characteristic Curve

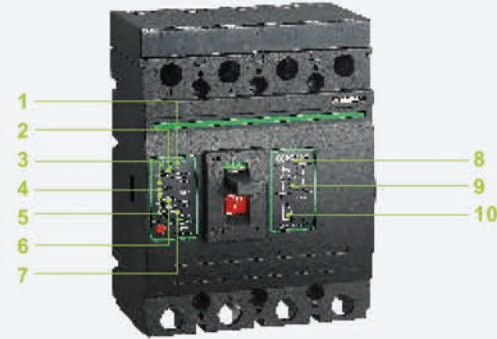


- High Short-Circuit/Breaking Capacity
- Protection Functions: Overload, Short circuit, Unfrequent Operation
- Rated Voltage up to 1000V DC
- Rated Current 125A,250A,400A,630A
- IEC60947-2, GB14048-2
- Easy Installation

Application

BENY BD series PV DC Moulded Case Circuit Breaker (MCCB) are mainly used in large solar power system, which are applied for solar DC combiner box ,inverter and DC power distribution cabinet. Rated voltage up to 1000V DC, current up to 630A , with the function of overload protection and short-circuit protection.

Appearance Introduction



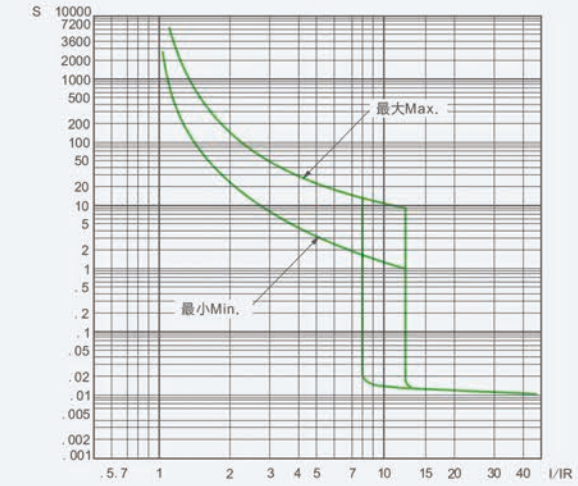
Type Instruction



Parameter

BD series PV DC MCCB				
Type	BD-125	BD-250	BD-400	BD-630
Type	BD-125	BD-250	BD-400	BD-630
Pole	4P	4P	4P	4P
Max Rated Current	125A	250A	400A	630A
Electrical Characteristics				
Rated Working Voltage	Ue	1000V DC	1000V DC	1000V DC
Rated Current	In(A)	60/80 100/125	125/160 200/250	250/300/315 350/400
Rated Insulated Voltage	Ui	1000V DC		
Rated Impulsed Voltage	Uimp	8KV		
1 Min Power Frequency Withstand Voltage		3.8 KV	3.8 KV	3.8 KV
Ultimate Breaking Capacity	Icu	20 KA	20 KA	20 KA
Run Breaking Capacity	Ics	15 KA	15 KA	15 KA
Protection				
Tripping Type		Thermal Magnetic Type		
Control And Indication				
Control Mode	Manual	Direct (RHD)	Optional	
	MOD	Extended(ERH)	Optional	
		MOD	Optional	
		Shunt Release (SHT)	Optional	
		Auxiliary Release	Optional	
		Terminal End Cover	Yes	
		Interphase Barriers	Yes	
Service Life/Cycle Operation				
Mechanical		14000	14000	5000
Electrical		5000	5000	1500
Size (L x W x H)		150x122x92	165x142x90	257x198x106.5
Ingress Protection		All Sides IP40 , Connection Terminal IP20		
Installation Environment				
Comply With		IEC60947-2/GB14048.2		
Storage Temperature		-25°C~+70°C		

Characteristic Curve



Type	BD-125	BD-250	BD-400	BD-630
Picture				
Type Y MCCB				
Contacts Wiring graph				
Type S MCCB				
Contacts Wiring graph				

Dimensions(mm)

125A	250A
400A	630A