

BDH

BDH Series PV DC Moulded Case Isolator Switch

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BDH Series PV DC Moulded Case Isolator Switch



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

- High Insulation Performance
- Functions: Unfrequent Operation and Isolation
- Rated Voltage up to 1200V
- Rated Current 125A,250A,400A,630A
- IEC60947-3, GB14048-3

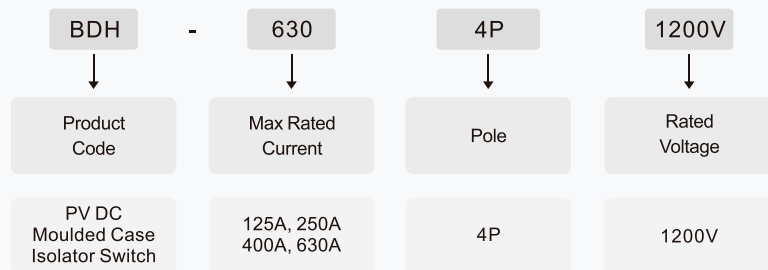
Application

ZBENY BDH series PV DC Moulded Case Isolator Switches are mainly used in large solar power system, such like solar DC combiner box ,inverter and DC power distribution cabinet. Rated voltage up to 1200V DC, Rated Current up to 630A with the function of effective isolator.

Appearance Introduction



Type Instruction



Parameter

BDH series PV DC Moulded Case Isolator Switch					
Type		BDH-125	BDH-250	BDH-400	BDH-630
Pole				4P	
Max Rated Current		125A	250A	400A	630A
Electrical Characteristics					
Rated Working Voltage	U _e	1200V DC			
Rated Current	I _n (A)	63/80 100/125	125/160 200/250	250/300/315 350/400	400/500/630
Rated Insulated Voltage	U _i	1200V DC			
Rated Impulsed Voltage	U _{imp}	8KV			
1 Min Power Frequency Withstand Voltage		3.8KV			
Control And Indication					
Control Mode	Manual	Direct (RHD)	Optional		
		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	5000
Electrical		5000	5000	1500	1500
Size (L x W x H)		150x122x92	165x140x89	258x198x107	282x282x115
Ingress Protection		All Sides IP40 ,Connection Terminal IP20			
Installation Environment					
Comply with		IEC60947-3/GB14048.3			
Storage Temperature		-40°C ~ +85°C			

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Type	BDH-125	BDH-250	BDH-400	BDH-630
Picture				

Wiring Method

Type Code	4A	4B	4C	4D	4S
Contacts Wiring graph					

Dimensions(mm)

125A	250A
400A	630A