



Zhejiang Westhomes Electric Co., Ltd. was founded in 1998 and is a high-tech enterprise that integrates research and development, production, and sales. The registered capital of the company is 80.621 million RMB, with a self built factory covering an area of 15 acres and a building area of 24831 square meters. The current number of employees is 309.

The main product lines of the company include: high and low voltage complete sets of switchgear, intelligent terminal products, intelligent measuring switches commonly used in the market.

All product series of the company have obtained the mandatory CCC product certification, with stable performance and reliable quality, and are highly favored by users from all over the country. We are willing to work together with new and old customers to create brilliant new opportunities in the new era!



Westhomes®

INTELLIGENT CONTROL BUILDING THE FUTURE

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Westhomes®



WSB1-63
WSB9Z-80

AC&DC Miniature circuit breaker

ZHEJIANG WESTHOMES ELECTRIC CO., LTD
www.westhomeselectric.com



WSB1-63 WSB9Z-80 AC&DC Miniature circuit breaker



WSB1-63

The WSB1-63 series miniature circuit breakers protect AC circuits (230V/400V, 50/60Hz) up to 63A from overloads and short circuits. Suitable for commercial and residential buildings, they also serve as switching devices.

Compliant with GB/T10963.1 and IEC60898-1 standards, they meet advanced international levels.



WSB9Z-80

The WSB9Z-80 series DC MCB is designed for direct current systems with operational voltages of DC250V to DC1000V and rated currents up to 80A. Suitable for commercial and residential buildings, it meets IEC60947-2 and GB/T 14048.2 standards, ensuring advanced performance.



1. Breaking Capacity:

Type	WSB1-63
Rated Voltage In (A)	6,10,16,20,25,32,40,50,63A
Poles	1P, 2P,3P, 4P
Nominal Insulation Voltage Ui(V)	690
Rated Impulse Withstand Voltage UIMP(KV)	4
Rated short-circuit capacity Icn(kA)	6;10
Operating short-circuit capability Ics(KA)	6;10
Mechanical Life	20000
Electrical life	4000

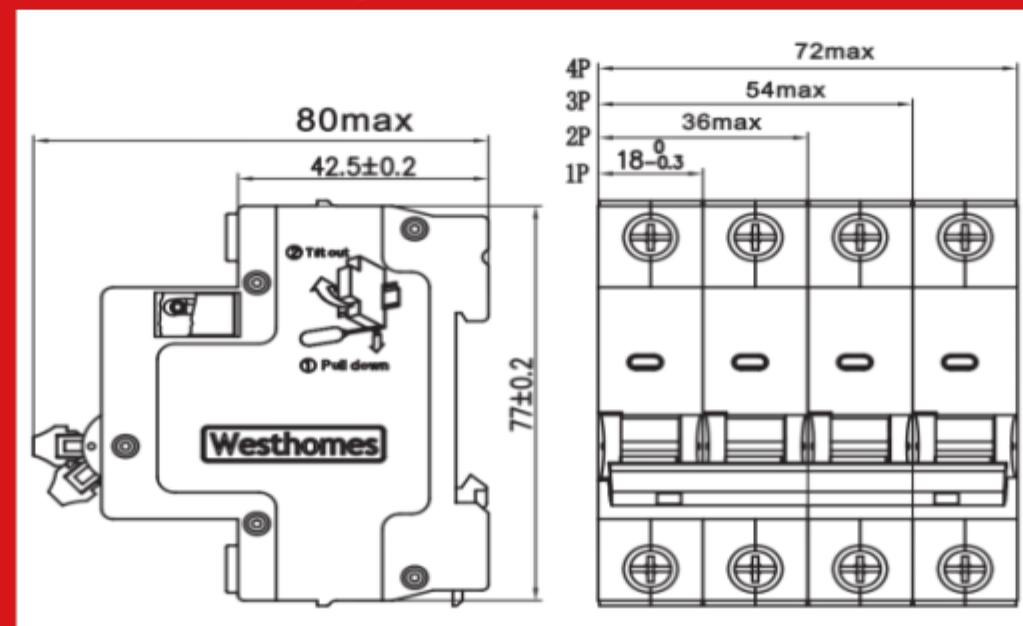
2. Circuit breaker overcurrent protection characteristics

NO.	Rated Voltage	Initial state	Experimental current	Set time	Expected result
1	In≤63	cold position	1.13In	≤1h	Non tripping
	In>63			52h	
2	In≤63	Immediately after the previous experiment	1.45In	≤1h	Trip
	In>63			<2h	
3	In≤32	cold position	2.55In	gs<603	Trip
	In>32			ost<120g	
4	C type	cold position	5In	50.1s	Non tripping
			10n	t<0.1g	Trip

3. Installation, Use and Maintenance

- Circuit breaker installation position (handle upward movement, indicating the circuit connected, handle downward movement, indicating the circuit disconnected.) Clamp into the mounting rail;
- Push the stop on the circuit breaker upward, so that the circuit breaker is fixed on the installation rail, and should not be loose and fall;
- When the main circuit connects the wire, extend the wire into the wiring hole, but then tighten the wiring screw, so that the wire will not loose and pull out; The copper wire can not be exposed outside the terminal;

4. Product Detail Drawing



1. Main parameter

Item No.	WSB9Z-80
Rated current In(A)	6, 10, 16, 20, 25, 32, 40, 50, 63, 80
Pole number	1P, 2P, 3P, 4P
Trip characteristics	C type
Rated insulating voltage Ui(V)	1000
Rated operating voltage Ue(V)	DC 250V/500V/750V/1000V
Rated impulse voltage Uimp(kV)	4
Breaking capacity Icu/Ics(kA)	10/7.5
Mechanical life(times)	20000
Electrical life(times)	4000

2. Circuit breaker overcurrent protection characteristics

NO.	Rated Voltage	Initial state	Experimental current	Set time	Expected result
1	In≤63	cold position	1.13In	≤1h	Non tripping
	In>63			52h	
2	In≤63	Immediately after the previous experiment	1.45In	≤1h	Trip
	In>63			<2h	
3	In≤32	cold position	2.55In	gs<603	Trip
	In>32			ost<120g	
4	C type	cold position	5In	50.1s	Non tripping
			10n	t<0.1g	Trip

LEADING DOMESTIC

EXPERT IN HIGH AND LOW VOLTAGE ELECTRICAL APPLIANCE MANUFACTURING

3. Product Detail Drawing

