

WIFI Remote Control Miniature Circuit Breakers

ADRC60-63W/ADRC60-125W



DESCRIPTION / APPLICATION

WiFi remote control Mini-Circuit Breaker can be managed through APP to achieve remote control, timing schedules, group management, share control etc.

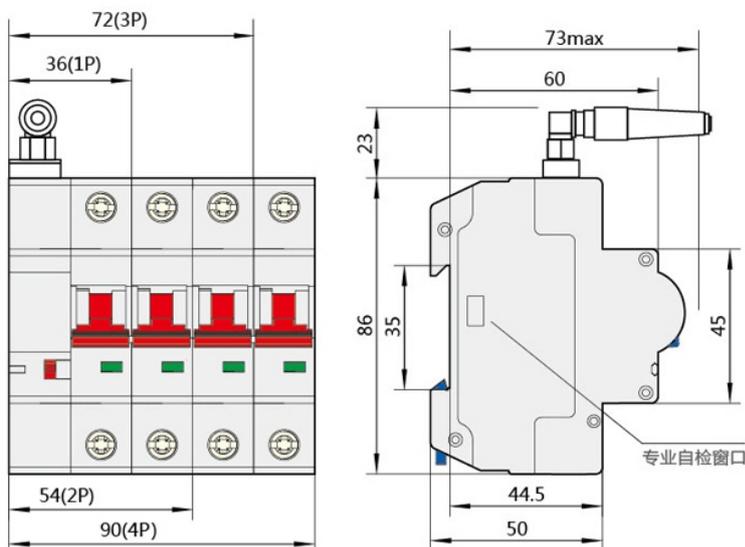
A circuit breaker is an automatically operated electrical switch designed to protect an electrical circuit from damage caused by excess current from an overload or short circuit. Its basic function is to interrupt current flow after a fault is detected. Circuit breakers are rated both by the normal current that they are expected to carry, and the maximum short-circuit current that they can safely interrupt. This latter figure is the ampere interrupting capacity (AIC) of the breaker. It is in conformity with IEC 60947 standard.

MAIN TECHNICAL DATA

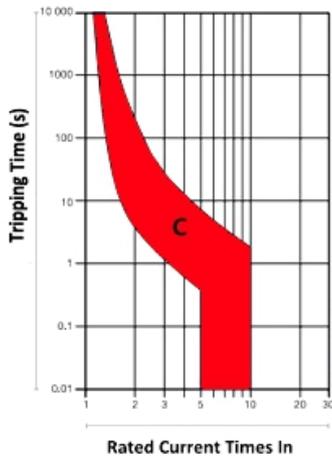
	Standard		SANS556-1 IEC60947-2
Electrical Features	Frame size rated current	A	63, 125
	Rated current	A	1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125
	Poles		1P, 2P, 3P, 4P*
	AC Volts	V	230V(1P,2P), 400V(3P,4P)

	Rated frequency	Hz	50/60
	Rated breaking capacity	kA	Icu=Ics=6kA
Mechanical Features	Thermo-magnetic release characteristic	Curve	C
	Electrical life expectancy	Times	4000
	Mechanical life expectancy	Times	10000
	Protection degree		IP20
	Best Ambient temperature	°C	30
Installation	Ambient temperature (with daily average ≤ 35°C)	°C	-25°C to +65°C
	Terminal connection type		Cable/Pin-type busbar
	Connection		Top and bottom
	Tighten torque (max)	Nm	4-5Nm
	Mounting		DIN Rail EN 60715(35mm) by means of fast clip device

DIMENSIONS AND MOUNTING

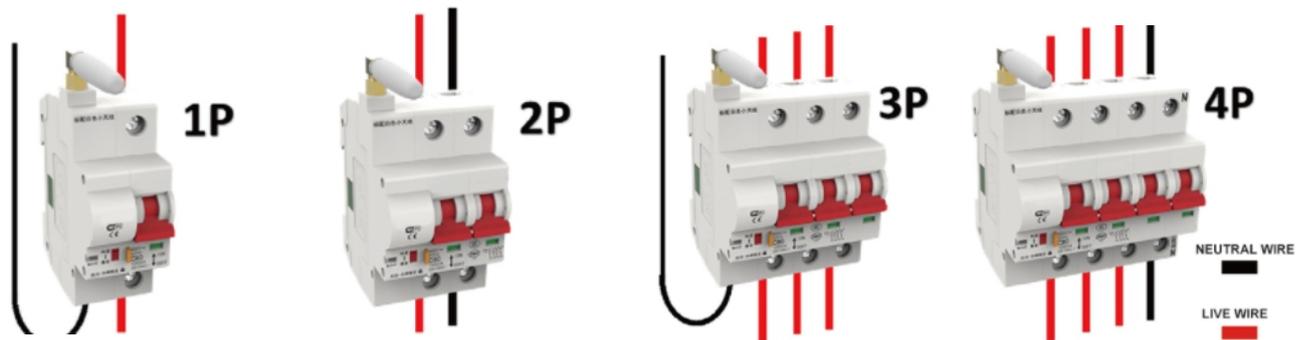


TRIPPING CURVES



Tripping Characteristic Curve C					
NO.	Rated Current	Start Status	Test Current	Appoint Time	Expected Result
1	$\leq 63A$	Cold Status	$1.13I_n$	$t \leq 1h$	No Tripping
2	$\leq 63A$	After Previous Test	$1.45I_n$	$t < 1h$	Tripping
3	$> 63A$	Cold Status	$1.13I_n$	$t \leq 2h$	No Tripping
4	$> 63A$	After Previous Test	$1.45I_n$	$t < 2h$	Tripping
5	All Rated Current	Cold Status	$2.55I_n$	$1s \leq t < 120s$	Tripping
6	All Rated Current	Cold Status	$5I_n$	$t \leq 0.1s$	No Tripping
			$10I_n$	$t < 0.1s$	Tripping

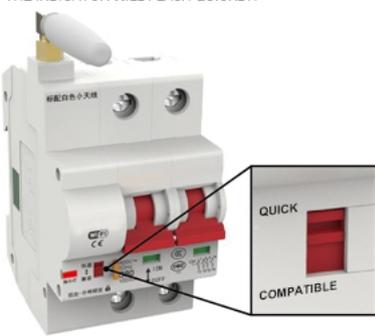
WIRING METHOD



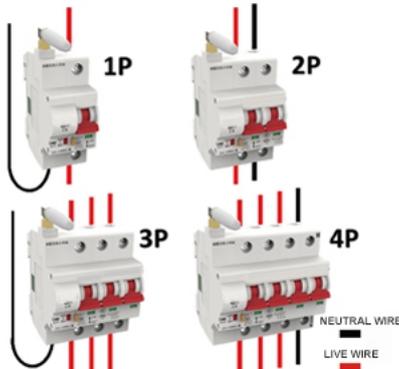
CONNECTION METHOD WITH APP



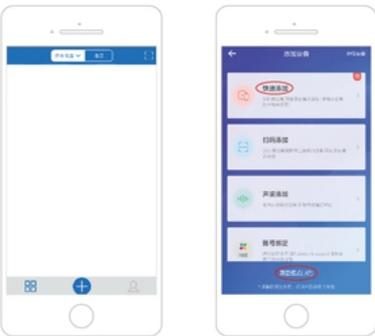
03 PAIRING STEP 3
CONNECT ON THE MCB TO POWER
WAITING FOR AROUND 7 SECONDS
THE INDICATOR WILL FLASH QUICKLY.



04 PAIRING STEP 4
LOG IN THE MAIN INTERFACE, CLICK ON "ADD EQUIPMENT"
CHOOSE FROM CATEGORY: "ELECTRICIAN" -- "BREAKER (WIFI)"



05 PAIRING STEP 5
PAIRING STEP 5
CONFIRM THE INDICATOR
ON MCB IS FLASHING QUICKLY, AND CLICK "ADD".



06 PAIRING STEP 6
PAIRING STEP 6
ENTER WIFI NAME AND PASSWORD.



07 PAIRING STEP 7
PAIRING STEP 7
WAIT FOR THE PAIRING PROCESS.



08 PAIRING STEP 8
PAIRING STEP 8
AFTER PAIRING SUCCESSFULLY, YOU CAN GIVE A
NEW NAME TO THE BREAKER.
(NOTE: AFTER PAIRING FINISH, THE LITTLE TOGGLE
SHALL BE KEPT ON "FAST")



FEATURES OF WIFI MCB

1# Remote Control - Remotely control the circuit breaker from anywhere at any time, with



device status and operation record checking at the same time.

2# Scheduled Timing - Users can preset repeat or single timing schedules to turn on/off devices according to your needs.

3# Grouping Function - It allows users to assign all added devices to different groups so that they can easily check and manage the devices. To use this feature, simply click the drop-down menu on the top of device list.

4# Share Control - Device owners can share control of their own devices to other eWeLink users. Invite your family members to control your smart home together!

Tap on "SHARE" and enter the eWeLink ID you want to share with (either phone number or email address), make sure the person is also online. Once the invitation message is confirmed, he/she will have right to control your devices.